

DEPARTMENT OF THE ARMY PERMIT

Permittee: Florida Department of Transportation
Attn: Van Humphreys
1109 South Marion Avenue
Lake City, Florida 32025

RECEIVED
FEB 25 2008
JACKSONVILLE DISTRICT
USACE

Permit No: SAJ-2005-6154 (IP-AWP)

Issuing Office: U.S. Army Engineer District, Jacksonville

NOTE: The term "you" and its derivatives, as used in this permit, means the permittee or any future transferee. The term "this office" refers to the appropriate district or division office of the Corps of Engineers having jurisdiction over the permitted activity or the appropriate official of that office acting under the authority of the commanding officer.

You are authorized to perform work in accordance with the terms and conditions specified below.

Project Description: The applicant proposes direct impacts to 15.03 acres of impact to waters of the United States (wetlands) and 1.26 acres of impact to surface waters for the realignment of State Road (SR) 26. The realignment will include a 278-foot bridge to span United States Highway 301 (US 301) and the adjacent CSX Railroad, stormwater detention/retention facilities, and the installation of cross drains. The work described above is to be completed in accordance with the 3 attachments affixed at the end of this permit instrument.

Project Location: The proposed project will impact waters of the United States associated with multiple unnamed wetlands and Lochloosa Creek, part of the Ocklawaha River Hydrologic Basin and discharges to the St. Johns River. The proposed project is the existing SR 26 and US 301 corridor in Sections 17 and 18, Township 9 South, Range 22 East in Alachua County, Florida.

Directions to site: The project is located at the intersection of US 301 and SR 26 in Orange Heights, Florida.

Latitude & Longitude: Latitude.....29.716
Longitude.....82.139

PERMIT NUMBER: SAJ-2005-6154(IP-AWP)
PERMITTEE: FDOT, District 2
PAGE 2 of 10

Permit Conditions

General Conditions:

1. The time limit for completing the work authorized ends on **February 25, 2013.** If you find that you need more time to complete the authorized activity, submit your request for a time extension to this office for consideration at least one month before the above date is reached.

2. You must maintain the activity authorized by this permit in good condition and in conformance with the terms and conditions of this permit. You are not relieved of this requirement if you abandon the permitted activity, although you may make a good faith transfer to a third party in compliance with General Condition 4 below. Should you wish to cease to maintain the authorized activity or should you desire to abandon it without a good faith transfer, you must obtain a modification of this permit from this office, which may require restoration of the area.

3. If you discover any previously unknown historic or archeological remains while accomplishing the activity authorized by this permit, you must immediately notify this office of what you have found. We will initiate the Federal and State coordination required to determine if the remains warrant a recovery effort or if the site is eligible for listing in the National Register of Historic Places.

4. If you sell the property associated with this permit, you must obtain the signature and the mailing address of the new owner in the space provided and forward a copy of the permit to this office to validate the transfer of this authorization.

5. If a conditioned water quality certification has been issued for your project, you must comply with the conditions specified in the certification as special conditions to this permit. For your convenience, a copy of the certification is attached if it contains such conditions.

6. You must allow representatives from this office to inspect the authorized activity at any time deemed necessary to

PERMIT NUMBER: SAJ-2005-6154(IP-AWP)
PERMITTEE: FDOT, District 2
PAGE 3 of 10

ensure that it is being or has been accomplished in accordance with the terms and conditions of your permit.

Special Conditions:

1. All reports, documentation and correspondence required by the conditions of this permit shall be submitted to the following address: U.S. Army Corps of Engineers, Regulatory Division, Enforcement Section, P.O. Box 4970, Jacksonville, FL 32232. The Permittee shall reference this permit number, SAJ-2005-6154(IP-AWP), on all submittals.

2. Within 10 days from the date of initiating the authorized work, the Permittee shall provide to the Corps a written notification of the date of commencement of work authorized by this permit.

3. Prior to the initiation of any work authorized by this permit, the Permittee shall install erosion control measures along the perimeter of all work areas to prevent the displacement of fill material. Immediately after completion of the final grading of the land surface, all slopes, land surfaces, and filled areas adjacent to wetlands shall be stabilized using sod, degradable mats, or a combination of similar stabilizing materials to prevent erosion. The erosion control measures shall remain in place and be maintained until all authorized work has been completed and the site has been stabilized.

4. Within 60 days of completion of the authorized work or at the expiration of the construction window of this permit, whichever occurs first, the Permittee shall submit as-built drawings of the authorized work and a completed As-Built Certification Form (Attachment 3) to the Corps. The drawings shall be signed and sealed by a registered professional engineer and include the following:

a. A plan view drawing of the location of the authorized work footprint (as shown on the permit drawings) with an overlay of the work as constructed in the same scale as the attached permit drawings (8½-inch by 11-inch). The drawing should show all "earth disturbance," including wetland impacts, water management structures, and any on-site mitigation areas.

PERMIT NUMBER: SAJ-2005-6154(IP-AWP)
PERMITTEE: FDOT, District 2
PAGE 4 of 10

b. List any deviations between the work authorized by this permit and the work as constructed. In the event that the completed work deviates, in any manner, from the authorized work, describe on the As-Built Certification Form the deviations between the work authorized by this permit and the work as constructed. Clearly indicate on the as-built drawings any deviations that have been listed. Please note that the depiction and/or description of any deviations on the drawings and/or As-Built Certification Form does not constitute approval of any deviations by the U.S. Army Corps of Engineers.

c. The Department of the Army Permit number.

d. Include pre- and post-construction aerial photographs of the project site, if available.

5. The Permittee shall use only clean fill material for this project. The fill material shall be free from items such as trash, debris, automotive parts, asphalt, construction materials, concrete block with exposed reinforcement bars, and soils contaminated with any toxic substance, in toxic amounts in accordance with Section 307 of the Clean Water Act.

6. Within 6 months from the date of initiating the authorized work or 12 months from the effective date of this permit, whichever first occurs, the Permittee shall complete the following mitigation objectives in accordance with the approved 2005 SJRWMD Senate Bill Mitigation Plan (Plan). Page 11 of the Plan identifies Northern Ocklawaha (SJ 29) mitigation activities. Specifically, the plan calls for the preservation and enhancement of approximately 325 acres of uplands and wetlands that would become additions to Newman's Lake Conservation Area or a new conservation area at Fowler's Prairie.

In accordance with the Memorandum of Understanding between the St. Johns River Water Management District (SJRWMD) and the United States Army Corps of Engineers, Jacksonville District signed October 16, 2007 and October 9, 2007 respectively, the SJRWMD shall submit an annual status report and five year update of the mitigation described above.

PERMIT NUMBER: SAJ-2005-6154(IP-AWP)
PERMITTEE: FDOT, District 2
PAGE 5 of 10

The permittee agrees that a minimum of 10.44 wetland functions will be replaced by the mitigation described above. If the wetland functions are not replaced within 1 year of the start of construction the permittee agrees to submit an alternative compensatory mitigation proposal to the Corps for evaluation and approval.

Further Information:

1. Congressional Authorities: You have been authorized to undertake the activity described above pursuant to:

() Section 10 of the Rivers and Harbors Act of 1899
(33 U.S.C. 403).

(X) Section 404 of the Clean Water Act (33 U.S.C. 1344).

() Section 103 of the Marine Protection, Research and Sanctuaries Act of 1972 (33 U.S.C. 1413).

2. Limits of this authorization.

a. This permit does not obviate the need to obtain other Federal, State, or local authorizations required by law.

b. This permit does not grant any property rights or exclusive privileges.

c. This permit does not authorize any injury to the property or rights of others.

d. This permit does not authorize interference with any existing or proposed Federal projects.

3. Limits of Federal Liability. In issuing this permit, the Federal Government does not assume any liability for the following:

a. Damages to the permitted project or uses thereof as a result of other permitted or unpermitted activities or from natural causes.

PERMIT NUMBER: SAJ-2005-6154(IP-AWP)
PERMITTEE: FDOT, District 2
PAGE 6 of 10

b. Damages to the permitted project or uses thereof as a result of current or future activities undertaken by or on behalf of the United States in the public interest.

c. Damages to persons, property, or to other permitted or unpermitted activities or structures caused by the activity authorized by this permit.

d. Design or construction deficiencies associated with the permitted work.

e. Damage claims associated with any future modification, suspension, or revocation of this permit.

4. Reliance on Applicant's Data: The determination of this office that issuance of this permit is not contrary to the public interest was made in reliance on the information you provided.

5. Reevaluation of Permit Decision: This office may reevaluate its decision on this permit at any time the circumstances warrant. Circumstances that could require a reevaluation include, but are not limited to, the following:

a. You fail to comply with the terms and conditions of this permit.

b. The information provided by you in support of your permit application proves to have been false, incomplete, or inaccurate (see 4 above).

c. Significant new information surfaces which this office did not consider in reaching the original public interest decision.

Such a reevaluation may result in a determination that it is appropriate to use the suspension, modification, and revocation procedures contained in 33 CFR 325.7 or enforcement procedures such as those contained in 33 CFR 326.4 and 326.5. The referenced enforcement procedures provide for the issuance of an administrative order requiring you comply with the terms and conditions of your permit and for the initiation of legal action where appropriate. You will be required to pay for any

PERMIT NUMBER: SAJ-2005-6154(IP-AWP)
PERMITTEE: FDOT, District 2
PAGE 7 of 10

corrective measures ordered by this office, and if you fail to comply with such directive, this office may in certain situations (such as those specified in 33 CFR 209.170) accomplish the corrective measures by contract or otherwise and bill you for the cost.

6. Extensions: General Condition 1 establishes a time limit for the completion of the activity authorized by this permit. Unless there are circumstances requiring either a prompt completion of the authorized activity or a reevaluation of the public interest decision, the Corps will normally give favorable consideration to a request for an extension of this time limit.

PERMIT NUMBER: SAJ-2005-6154 (IP-AWP)

PERMITTEE: FDOT, District 2

PAGE 8 of 10

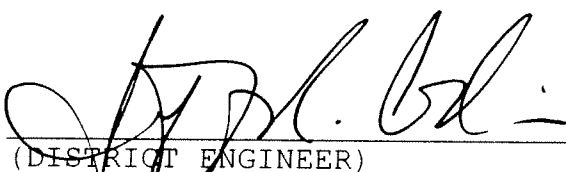
Your signature below, as permittee, indicates that you accept and agree to comply with the terms and conditions of this permit.



(PERMITTEE)

2-19-08
(DATE)

Van Humphreys
(PERMITTEE NAME-PRINTED)

This permit becomes effective when the Federal official, designated to act for the Secretary of the Army, has signed below.


(DISTRICT ENGINEER)

 Paul L. Grosskruger
Colonel, U.S. Army
District Commander

2/25/2008
(DATE)

PERMIT NUMBER: SAJ-2005-6154(IP-AWP)
PERMITTEE: FDOT, District 2
PAGE 9 of 10

When the structures or work authorized by this permit are still in existence at the time the property is transferred, the terms and conditions of this permit will continue to be binding on the new owner(s) of the property. To validate the transfer of this permit and the associated liabilities associated with compliance with its terms and conditions, have the transferee sign and date below.

(TRANSFeree-SIGNATURE)

(DATE)

(NAME-PRINTED)

(ADDRESS)

(CITY, STATE, AND ZIP CODE)

PERMIT NUMBER: SAJ-2005-6154 (IP-AWP)
PERMITTEE: FDOT, District 2
PAGE 10 of 10

***Attachments to Department of the Army
Permit Number SAJ-2005-6154 (IP-AWP)***

1. PERMIT DRAWINGS: 15 pages
2. WATER QUALITY CERTIFICATION: Specific Conditions of the water quality permit/certification in accordance with General Condition number 5 on page 2 of this DA permit. 5 pages.
5. As-Built Certification: 1 page

**JACKSONVILLE DISTRICT
USACE**

FDOT PROJECT MANAGER: CRAIG TEAL, PE

IA COUNTY

NOTE: LENGTH OF PROJECT IS
BASED ON CENTERLINE
OF CONSTRUCTION

| KEY SHEET REVISIONS | |
|---------------------|-------------|
| DATE | DESCRIPTION |

ROADWAY PLANS ENGINEER OF RECORD

P.L. NO. 57719

| | |
|----------------|--------------|
| FISCAL YEAR | SHEET NO. |
|----------------|--------------|

S.R. 26 OVER U.S. 301 AND CSX RAILROAD IN ALACHUA COUNTY

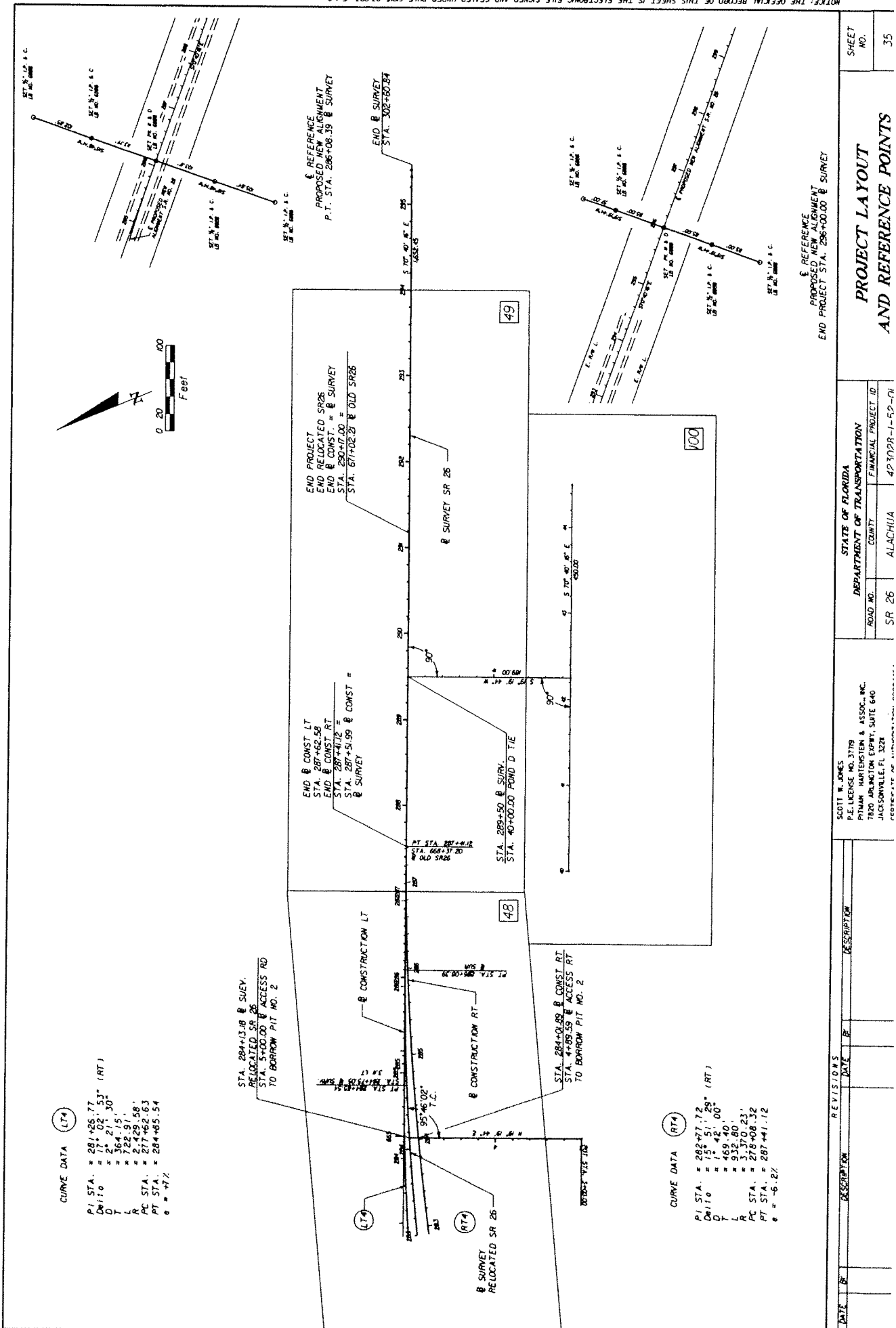
PROJECT LAYOUT AND REFERENCE POINTS

END PROJECT STA. 296+00.00 @ SURVEY
REFERENCE
PROPOSED NEW ALIGNMENT

STATE OF TEXAS
DEPARTMENT OF TRANSPORTATION

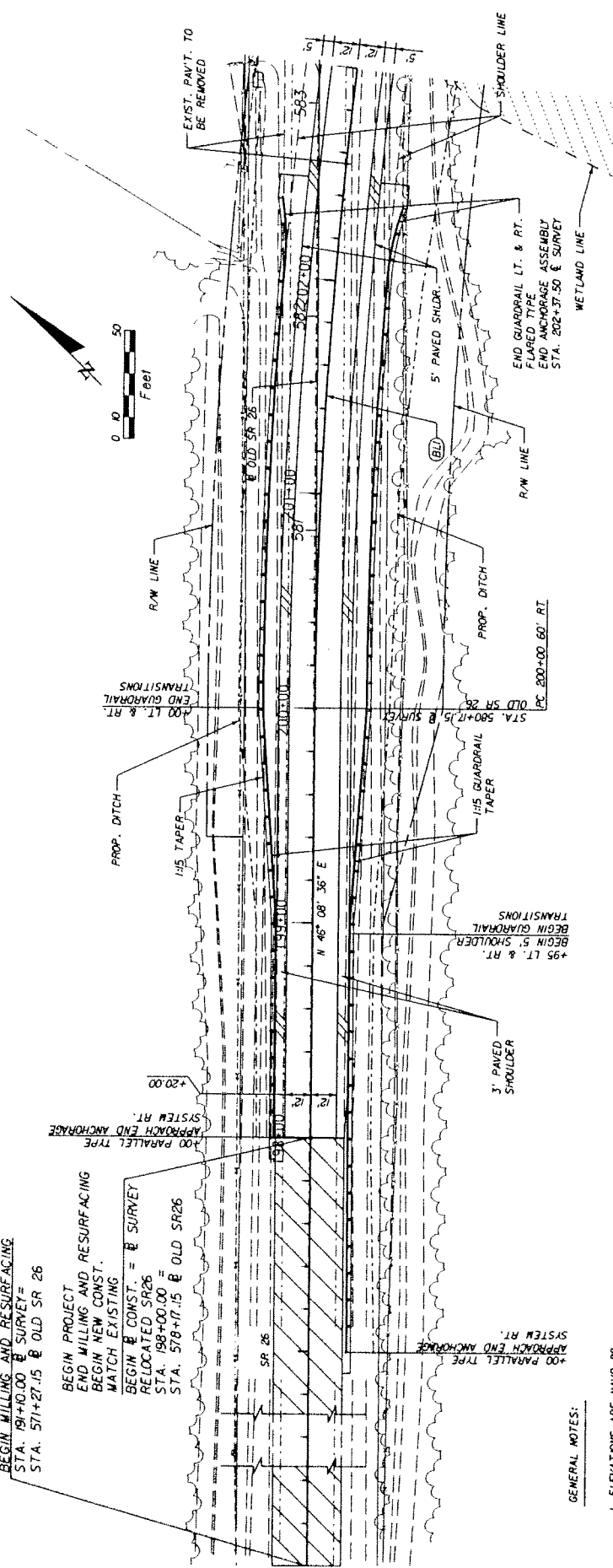
| | |
|----------|---------|
| ROAD NO. | COUNTY |
| SR 26 | ALACHUA |

P.E. LICENSE NO. 3779
PITMAN HARTENSTEIN & ASSOC., INC.
7020 ARLINGTON EXPY., SUITE 640
JACKSONVILLE, FL 32218
REGISTERED AS A LIMITED LIABILITY COMPANY

[illegible]

BEGIN CONSTRUCTION
 BEGIN MILLING AND RESURFACING
 STA. 191+00.00 @ SURVEY =
 STA. 571+27.15 @ OLD SR 26

BEGIN PROJECT
 END MILLING AND RESURFACING
 BEGIN NEW CONST.
 MATCH EXISTING
 BEGIN @ CONST. = @ SURVEY
 RELOCATED SR26
 STA. 198+00.00 =
 STA. 578+17.15 @ OLD SR26



GENERAL NOTES:

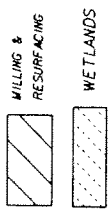
- ELEVATIONS ARE NAVD 88.
- ANY PUBLIC LAND CORNER WITHIN THE LIMITS OF CONSTRUCTION IS TO BE PROTECTED. IF A CORNER MONUMENT IS IN DANGER OF BEING DESTROYED AND HAS NOT BEEN PROPERLY REFERENCED, THE ENGINEER SHOULD NOTIFY THE DISTRICT LOCATION SURVEYOR, WITHOUT DELAY, BY TELEPHONE.
- EXISTING DRAINAGE STRUCTURES WITHIN CONSTRUCTION LIMITS SHALL BE REMOVED UNLESS OTHERWISE NOTED.
- WORKING SHALL BE PERFORMED ONCE A MONTH FROM APRIL 1, THROUGH OCTOBER 31, EVERY OTHER MONTH FROM NOVEMBER 1 TO MARCH 31 AND WITHIN 7 DAYS OF FINAL ACCEPTANCE. NOW ALL AREAS AS REQUIRED IN FOOT SPECIFICATIONS 104 AND 570.
- ALL SOD MATERIALS SHALL BE SUBJECT TO INSPECTION BY THE DEPARTMENT PRIOR TO PLACEMENT. SOD SHALL BE REFLECTED FOR USE ON THIS PROJECT. THE CONTRACTOR SHALL FURNISH TO THE ENGINEER, BEFORE BEGINNING CONSTRUCTION, A CERTIFICATION FROM THE FLORIDA DEPARTMENT OF AGRICULTURE AND CONSUMER SERVICES DIVISION OF PLANT INDUSTRY, STATING THAT THE SOD MAY STAY FREE FROM NOXIOUS WEEDS, INCLUDING TROPICAL SODA APPLE, FOR FURTHER INFORMATION CONCERNING THIS NOTE, CONTACT THE FOOT DISTRICT VEGETATION SPECIALIST.
- ALL EROSION CONTROL ITEMS SHALL BE REMOVED AT THE COMPLETION OF THE PROJECT.

- EXISTING DRIVEWAYS WITHIN THE LIMITS OF THIS PROJECT ARE TO BE REPLACED AT THE SAME LOCATION AND WIDTH, UNLESS OTHERWISE SHOWN IN THE PLANS.
- BURNING OF MATERIALS AND/OR DEBRIS AS A MEANS OF DISPOSAL IS PROHIBITED WITHIN THE PROJECT LIMITS. THE CONTRACTOR SHALL DISPOSE OF ALL CLEANED AND GRUBBED MATERIAL OFF-SITE.
- ALL SOD SHALL BE COMMON BERMUDA.
- ALL LANES MUST BE OPEN FOR TRAFFIC DURING AN EVACUATION NOTICE OF A HURRICANE OR OTHER CATASTROPHIC EVENTS AND SHALL REMAIN OPEN FOR THE DURATION OF THE EVACUATION OR EVENT AS DIRECTED BY THE PROJECT ENGINEER.
- UTILITY CONTRACT INFORMATION CAN BE LOCATED ON THE INDIVIDUAL UTILITY SCHEDULES AS SHOWN IN SECTION 7-11.6.3 OF THE FOOT SPECIFICATIONS.
- ALL FILL MATERIAL NEEDED TO CONSTRUCT THE PROPOSED ROADWAY IMPROVEMENTS SHALL BE PROVIDED BY THE CONTRACTOR.
- LARGE PORTIONS OF POND EXCAVATION CONTAIN PLASTIC MATERIALS. CONTRACTOR SHALL DETERMINE THE AMOUNT OF REQUIRED MIXING WITH GOOD MATERIALS PER FOOT SPECIFICATIONS. COST TO BE INCLUDED IN THE CUBIC YARDS OF EXCAVATION FOR THE PROJECT.
- DRAINAGE STRUCTURES THAT ENCOUNTER CLAYEY SOILS SHALL BE UNDERCUT AT LEAST (1) ONE FOOT BELOW PIPE OR STRUCTURE BOTTOMS AND BE REPLACED WITH COMPACTED BACK FILL TO FINAL STRUCTURE BEARING ELEVATIONS.

NOTE:

FOR @ CURVE DATA
 SEE PROJECT LAYOUT SHEETS

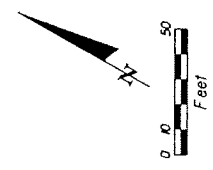
LEGEND:



| DATE | BY | DESCRIPTION | REVISIONS | DATE | BY | DESCRIPTION |
|------|----|-------------|-----------|------|----|-------------|
| | | | | | | |

SCOTT W. JONES
 P.E. LICENSE NO. 3778
 PTMAN HARTENSTEIN & ASSOC., INC.
 1820 ARNOLD EXPY., SUITE 640
 JACKSONVILLE, FL 32218

| STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | |
|--------------------------------------------------|---------|----------------------|
| ROAD NO. | COUNTY | FINANCIAL PROJECT ID |
| SR 25 | ALACHUA | 497028-1-52-71 |



STA 206+14.00 @ SURV.
RELOCATED SR 26
STA 2+00.00
@ FREEMAN AVE. (CR 234)
@ DIRT ROAD

SHLD. LINE

EXIST. PAVT. TO
BE REMOVED

*12.00, 51.74' LT.
MEET EXISTING

EXIST. R/W

5' 12' 5'

R 15 (TYP)

205

206

207

208

209

210

211

212

213

214

215

216

217

218

219

END @ CONST. = @ SURV.
RELOCATED SR 26
STA 204+90.00
BEGIN @ CONST. LT
STA 204+87.51
BEGIN @ CONST. RT
STA 204+91.91

CONC. DITCH PAVT.
4" NON-REINFORCED
L=28', W=4', D=2'
STA 1+00.00
BEGIN GRADED CONN.
ELLIP. PIPE

TEMPORARY CONST. EASEMENT

CONC. DITCH PAVT.
4" NON-REINFORCED
L=28', W=4', D=2'
STA 1+00.00
BEGIN GRADED CONN.
ELLIP. PIPE

PROP. DITCH

END GRADED CONN.
BEGIN PAVT.

5' PAVED SHLD.

WETLAND LINE

R/W LINE

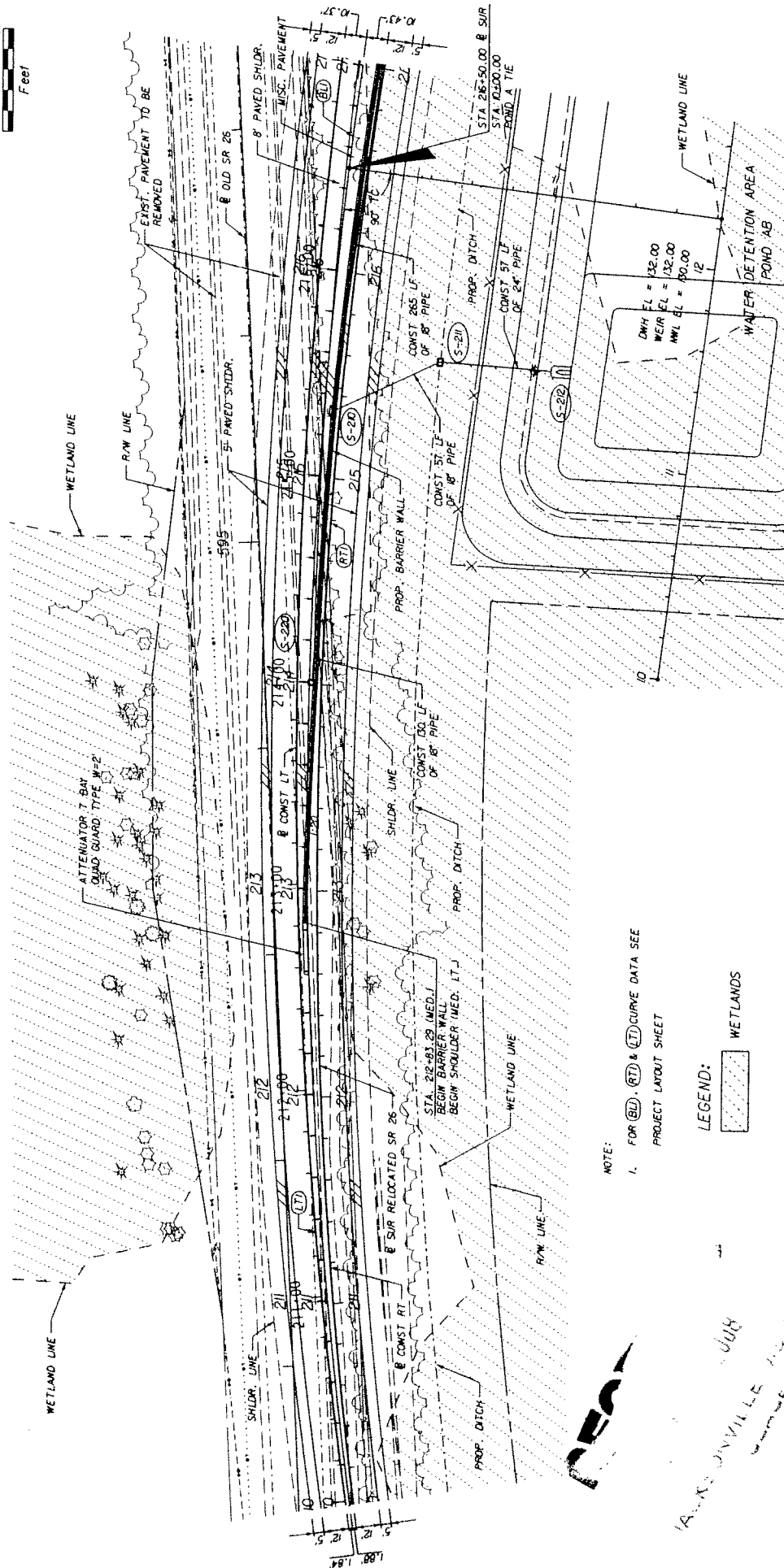
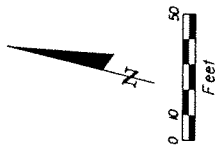
@ CONST. RT

LEGEND:
WETLANDS

NOTE:
1. FOR (BL), (234), (RT) & (LT) CURVES DATA SEE PROJECT LAYOUT SHEET.

| REVISIONS | | DATE | BY | DESCRIPTION |
|-----------|--|------|----|-------------|
| | | | | |
| | | | | |
| | | | | |
| | | | | |

| | | | | | | | |
|-------------------------------------------------------------------------------------------------------------------------------------------|--------|------------------------------|-------|------------------|---------------|-------------|----|
| STATE OF FLORIDA | | DEPARTMENT OF TRANSPORTATION | | ROADWAY MAINLINE | | PLAN SHEETS | |
| ROAD NO. | COUNTY | FINANCIAL PROJECT ID | CR 26 | ALACHUA | AD2020-LEO-01 | SHEET NO. | 37 |
| SCOTT W. JONES P.E. LICENSE NO. 37789 PITMAN HARTSHORN & ASSOC., INC. 1780 ARMBRISTER BLVD., SUITE 400 JACKSONVILLE, FL 32218 | | | | | | | |

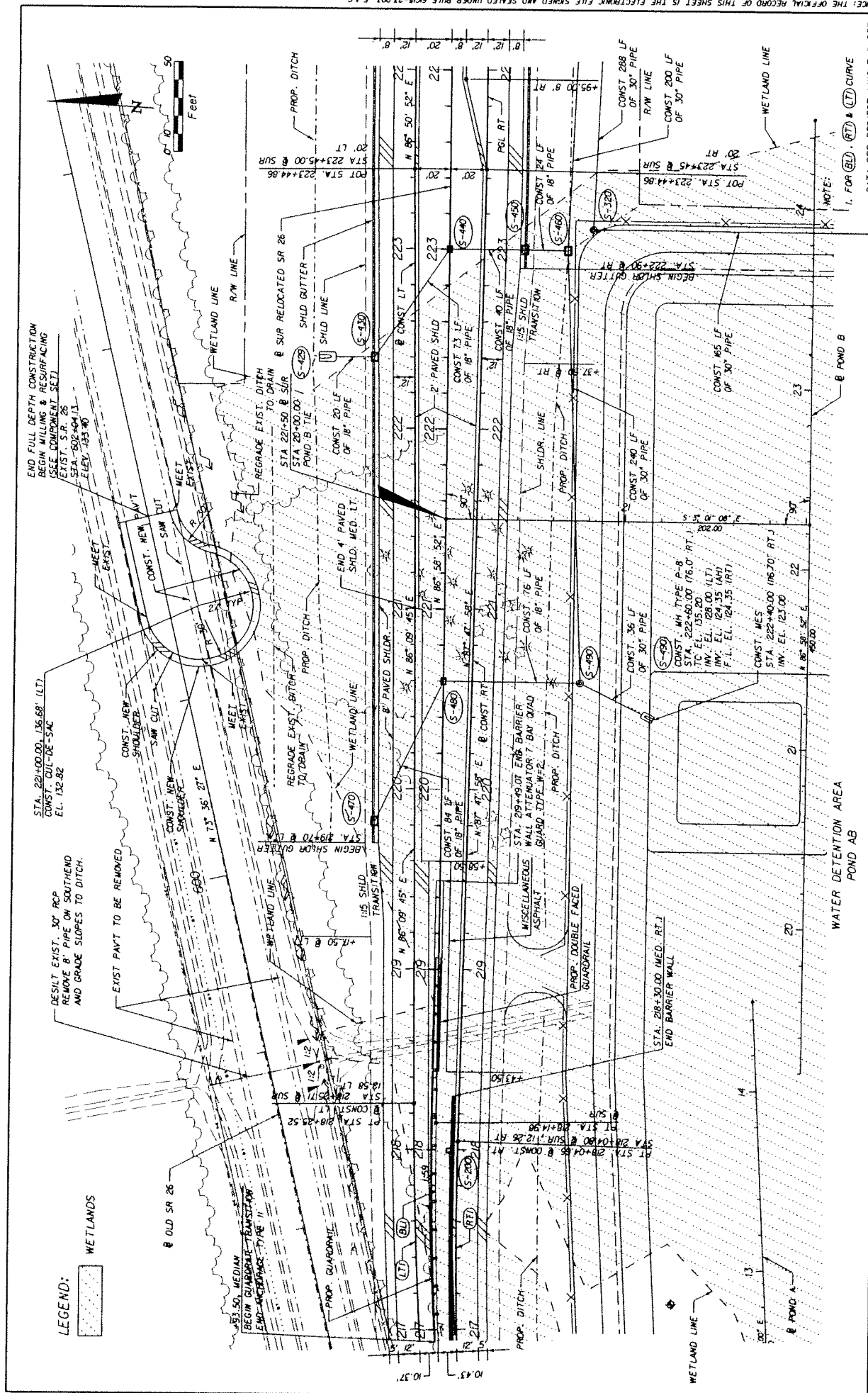


NOTE:
1. FOR (BL), (RT) & (LT) CURVE DATA SEE PROJECT LAYOUT SHEET

LEGEND:
[Hatched Box] WETLANDS

DESIGN
JACKSONVILLE, FLORIDA
DATE: 10/18/18
BY: [Signature]

| REVISIONS | | | | STATE OF FLORIDA | | | | ROADWAY MAINLINE | | SHEET NO. | |
|-----------|----|-------------|------|----------------------------------|---------|------------|----------------------|------------------|--|-----------|--|
| DATE | BY | DESCRIPTION | DATE | ROAD NO. | COUNTY | PROJECT ID | FINANCIAL PROJECT ID | PLAN SHEETS | | 18 | |
| | | | | CR 26 | ALACHUA | AD2000120 | | | | | |
| | | | | DEPARTMENT OF TRANSPORTATION | | | | | | | |
| | | | | SCOTT R. OWENS | | | | | | | |
| | | | | P.E. LICENSE NO. 37179 | | | | | | | |
| | | | | PRINCE HARTINGTON & ASSOC., INC. | | | | | | | |
| | | | | 7820 ARLINGTON EXPY., SUITE 640 | | | | | | | |
| | | | | JACKSONVILLE, FL 32206 | | | | | | | |



| DATE | | | | REVISIONS | | | | SCOTT W. JONES | | | | STATES OF FLORIDA | | | | ROADWAY MAINLINE | | | | SHEET | |
|------|--|----|--|-------------|--|------|--|----------------|--|-------------|--|-----------------------------------|--|------------------------------|--|----------------------|--|-------------------------------|--|-------|--|
| DATE | | BY | | DESCRIPTION | | DATE | | BY | | DESCRIPTION | | P.L. LICENSE NO. 3778 | | DEPARTMENT OF TRANSPORTATION | | FINANCIAL PROJECT ID | | NO. | | | |
| | | | | | | | | | | | | PITMAN HARTENSTEIN & ASSOC., INC. | | | | | | | | | |
| | | | | | | | | | | | | 7820 ARLINGTON EXPWY, SUITE 640 | | | | | | | | | |
| | | | | | | | | | | | | JACKSONVILLE, FL 32218 | | | | | | | | | |
| | | | | | | | | | | | | REGISTERED PROFESSIONAL ENGINEER | | | | | | 39 | | | |
| | | | | | | | | | | | | | | | | | | DATA SEE PROJECT LAYOUT SHEET | | | |



2. FOR WEST CONNECTOR PLAN & PROFILE
SEE SHEET 65.

LEGEND:

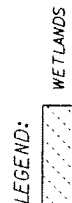
WETLANDS

[illegible]

SCOTT W. JONES
P.E. LICENSE NO. 3779
PITMAN HARTENSTEIN & ASSOC., INC.
7820 ARLINGTON EXPWY, SUITE 640
JACKSONVILLE, FL 32218
CERTIFICATE OF AUTHORIZATION: 00004

| | | |
|------------------------------|----------------|-----------------------------|
| STATE OF FLORIDA | | |
| DEPARTMENT OF TRANSPORTATION | | |
| NO. 06 | COUNTY ALACHUA | FINANCIAL PROJECT 423028-1- |

ROADWAY MAINLINE PLAN SHEETS



**ROADWAY MAINLINE
PLAN SHEETS**

| STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | |
|--------------------------------------------------|---------|-----------------------|
| ROAD NO. | COUNTY | FINANCIAL PROJECT NO. |
| SR 26 | ALACHUA | 493002-1-1 |

SCOTT W. JONES
P.E. LICENSE NO. 37779
OPTIMAN HARTENSTEM & ASSOC., INC.
7820 ARLINGTON EXPWY, SUITE 640
JACKSONVILLE, FL 32218

[illegible]



FEB 25 2008

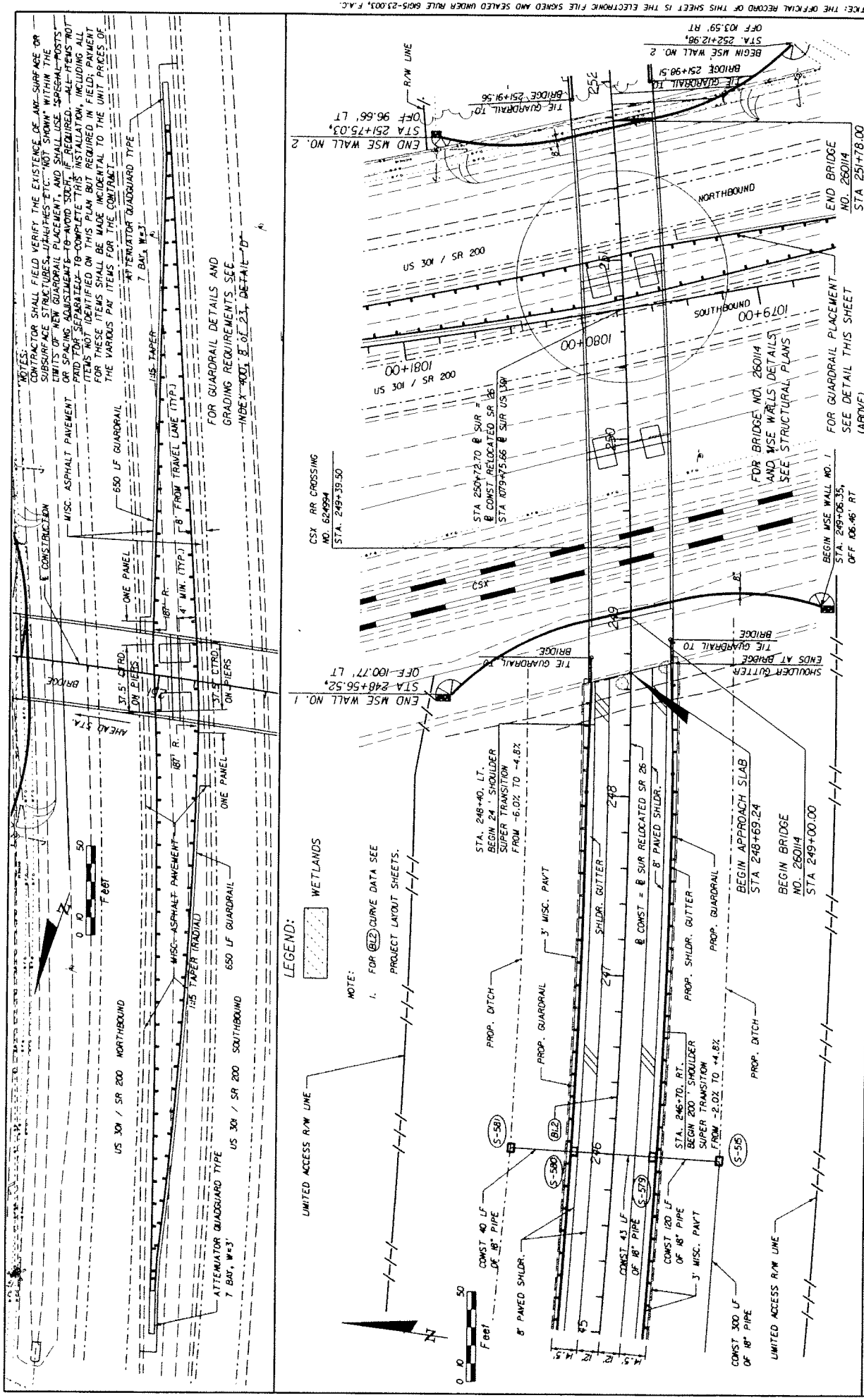
LEGEND:

WETLANDS

NOTE:

FOR (BL2) CURVE DATA SEE
PROJECT LAYOUT SHEETS.

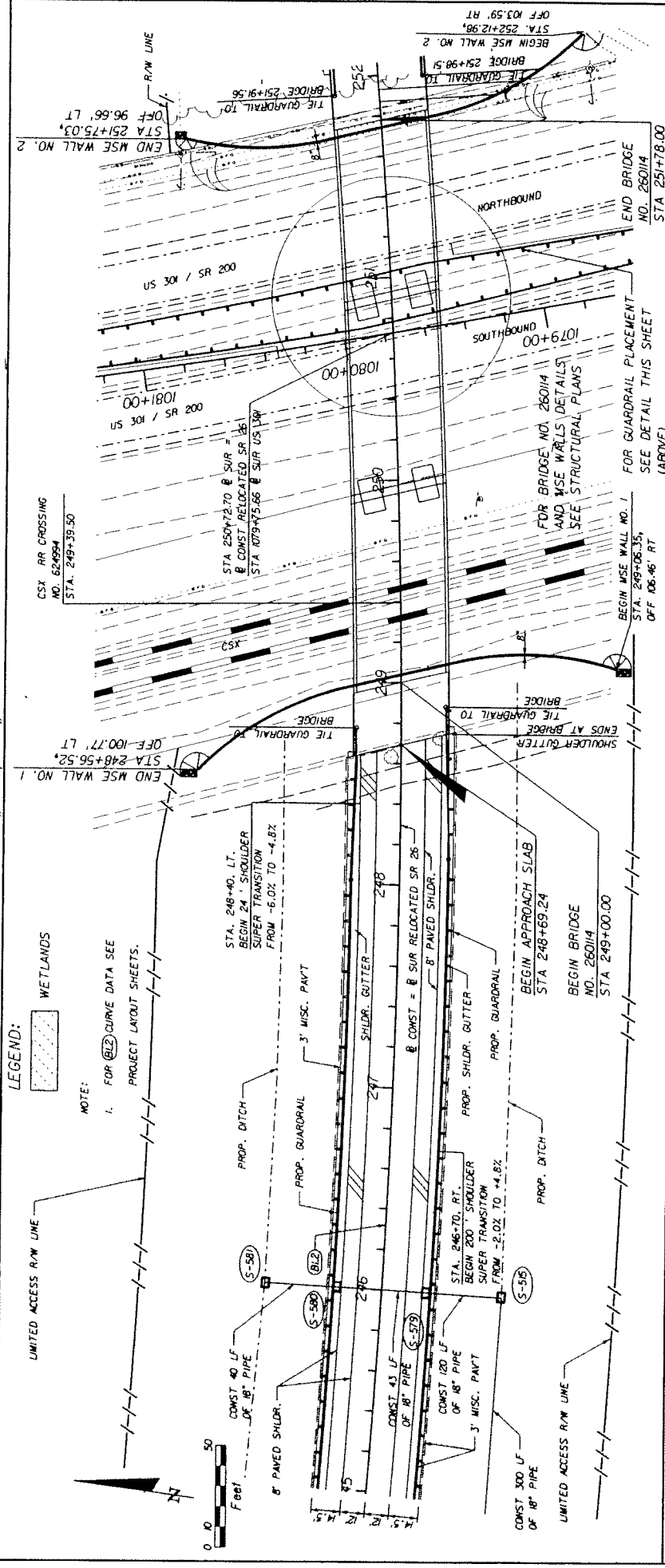
**JACKSONVILLE DISTRICT
USAGE**



NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 6B05-23.003, F.A.C.

CONTRACTOR SHALL FIELD VERIFY THE EXISTENCE OF ANY SURFACE OR SUBSURFACE STRUCTURES, UTILITIES, ETC., NOT SHOWN WITHIN THE LIMITS OF NEW GUARDRAIL PLACEMENT, AND SHALL USE SPECIAL POSTS OR SPACING ADJUSTMENTS TO AVOID SUCH, IF REQUIRED. ALL ITEMS NOT IDENTIFIED IN THIS PLAN BUT REQUIRED IN FIELD; PAYMENT FOR THESE ITEMS SHALL BE MADE INCIDENTAL TO THE UNIT PRICES OF THE VARIOUS PAY ITEMS FOR THE CONTRACT.

FOR GUARDRAIL DETAILS AND GRADING REQUIREMENTS SEE INDEX "A", B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z, AA, AB, AC, AD, AE, AF, AG, AH, AI, AJ, AK, AL, AM, AN, AO, AP, AQ, AR, AS, AT, AU, AV, AW, AX, AY, AZ, BA, BB, BC, BD, BE, BF, BG, BH, BI, BJ, BK, BL, BM, BN, BO, BP, BQ, BR, BS, BT, BU, BV, BW, BX, BY, BZ, CA, CB, CC, CD, CE, CF, CG, CH, CI, CJ, CK, CL, CM, CN, CO, CP, CQ, CR, CS, CT, CU, CV, CW, CX, CY, CZ, DA, DB, DC, DD, DE, DF, DG, DH, DI, DJ, DK, DL, DM, DN, DO, DP, DQ, DR, DS, DT, DU, DV, DW, DX, DY, DZ, EA, EB, EC, ED, EE, EF, EG, EH, EI, EJ, EK, EL, EM, EN, EO, EP, EQ, ER, ES, ET, EU, EV, EW, EX, EY, EZ, FA, FB, FC, FD, FE, FF, FG, FH, FI, FJ, FK, FL, FM, FN, FO, FP, FQ, FR, FS, FT, FU, FV, FW, FX, FY, FZ, GA, GB, GC, GD, GE, GF, GG, GH, GI, GJ, GK, GL, GM, GN, GO, GP, GQ, GR, GS, GT, GU, GV, GW, GX, GY, GZ, HA, HB, HC, HD, HE, HF, HG, HH, HI, HJ, HK, HL, HM, HN, HO, HP, HQ, HR, HS, HT, HU, HV, HW, HX, HY, HZ, IA, IB, IC, ID, IE, IF, IG, IH, II, IJ, IK, IL, IM, IN, IO, IP, IQ, IR, IS, IT, IU, IV, IW, IX, IY, IZ, JA, JB, JC, JD, JE, JF, JG, JH, JI, JJ, JK, JL, JM, JN, JO, JP, JQ, JR, JS, JT, JU, JV, JW, JX, JY, JZ, KA, KB, KC, KD, KE, KF, KG, KH, KI, KJ, KK, KL, KM, KN, KO, KP, KQ, KR, KS, KT, KU, KV, KW, KX, KY, KZ, LA, LB, LC, LD, LE, LF, LG, LH, LI, LJ, LK, LL, LM, LN, LO, LP, LQ, LR, LS, LT, LU, LV, LW, LX, LY, LZ, MA, MB, MC, MD, ME, MF, MG, MH, MI, MJ, MK, ML, MM, MN, MO, MP, MQ, MR, MS, MT, MU, MV, MW, MX, MY, MZ, NA, NB, NC, ND, NE, NF, NG, NH, NI, NJ, NK, NL, NM, NN, NO, NP, NQ, NR, NS, NT, NU, NV, NW, NX, NY, NZ, OA, OB, OC, OD, OE, OF, OG, OH, OI, OJ, OK, OL, OM, ON, OO, OP, OQ, OR, OS, OT, OU, OV, OW, OX, OY, OZ, PA, PB, PC, PD, PE, PF, PG, PH, PI, PJ, PK, PL, PM, PN, PO, PP, PQ, PR, PS, PT, PU, PV, PW, PX, PY, PZ, QA, QB, QC, QD, QE, QF, QG, QH, QI, QJ, QK, QL, QM, QN, QO, QP, QQ, QR, QS, QT, QU, QV, QW, QX, QY, QZ, RA, RB, RC, RD, RE, RF, RG, RH, RI, RJ, RK, RL, RM, RN, RO, RP, RQ, RR, RS, RT, RU, RV, RW, RX, RY, RZ, SA, SB, SC, SD, SE, SF, SG, SH, SI, SJ, SK, SL, SM, SN, SO, SP, SQ, SR, SS, ST, SU, SV, SW, SX, SY, SZ, TA, TB, TC, TD, TE, TF, TG, TH, TI, TJ, TK, TL, TM, TN, TO, TP, TQ, TR, TS, TT, TU, TV, TW, TX, TY, TZ, UA, UB, UC, UD, UE, UF, UG, UH, UI, UJ, UK, UL, UM, UN, UO, UP, UQ, UR, US, UT, UU, UV, UW, UX, UY, UZ, VA, VB, VC, VD, VE, VF, VG, VH, VI, VJ, VK, VL, VM, VN, VO, VP, VQ, VR, VS, VT, VU, VV, VW, VX, VY, VZ, WA, WB, WC, WD, WE, WF, WG, WH, WI, WJ, WK, WL, WM, WN, WO, WP, WQ, WR, WS, WT, WU, WV, WW, WX, WY, WZ, XA, XB, XC, XD, XE, XF, XG, XH, XI, XJ, XK, XL, XM, XN, XO, XP, XQ, XR, XS, XT, XU, XV, XW, XX, XY, XZ, YA, YB, YC, YD, YE, YF, YG, YH, YI, YJ, YK, YL, YM, YN, YO, YP, YQ, YR, YS, YT, YU, YV, YW, YX, YY, YZ, ZA, ZB, ZC, ZD, ZE, ZF, ZG, ZH, ZI, ZJ, ZK, ZL, ZM, ZN, ZO, ZP, ZQ, ZR, ZS, ZT, ZU, ZV, ZW, ZX, ZY, ZZ.



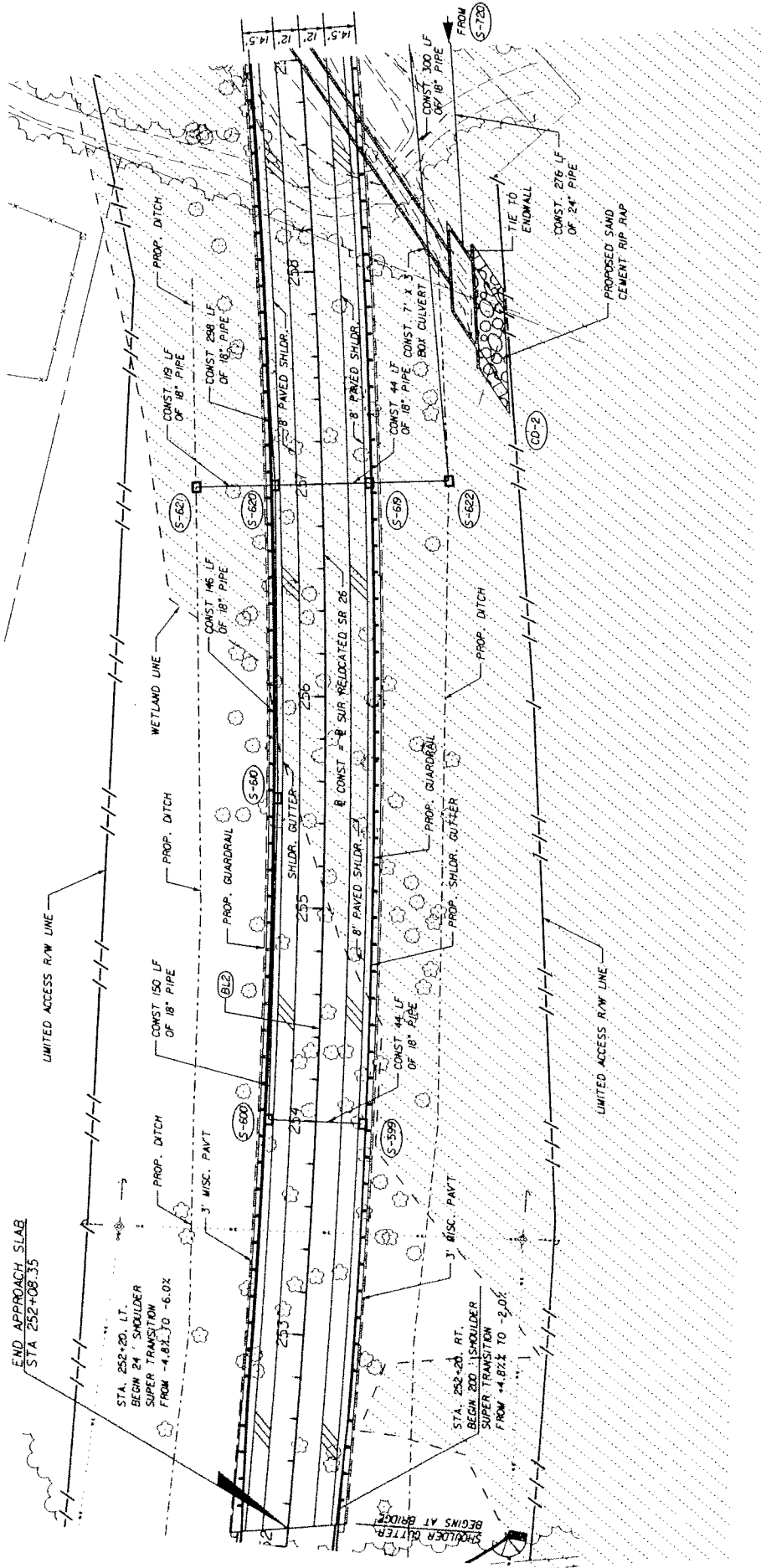
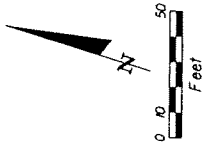
| REVISIONS | | DATE | DESCRIPTION |
|-----------|--|------|-------------|
| | | | |
| | | | |
| | | | |
| | | | |

| | | | | | |
|-----------------------------------|--|------------------------------|----------|---------|----------------------|
| STATE OF FLORIDA | | DEPARTMENT OF TRANSPORTATION | ROAD NO. | COUNTY | FINANCIAL PROJECT ID |
| SCOTT W. JONES | | P.E. LICENSE NO. 17179 | SR 26 | ALACHUA | 493028-1-150-01 |
| PITMAN HARTENSTEIN & ASSOC., INC. | | 7850 ARNOLD EXPY. SUITE 640 | | | |
| JACKSONVILLE, FL 32218 | | | | | |

| | | |
|------------------|--|-----------|
| ROADWAY MAINLINE | | SHEET NO. |
| PLAN SHEETS | | 43 |

NOTE:
1. FOR (BLZ) CURVE DATA SEE
PROJECT LAYOUT SHEETS.

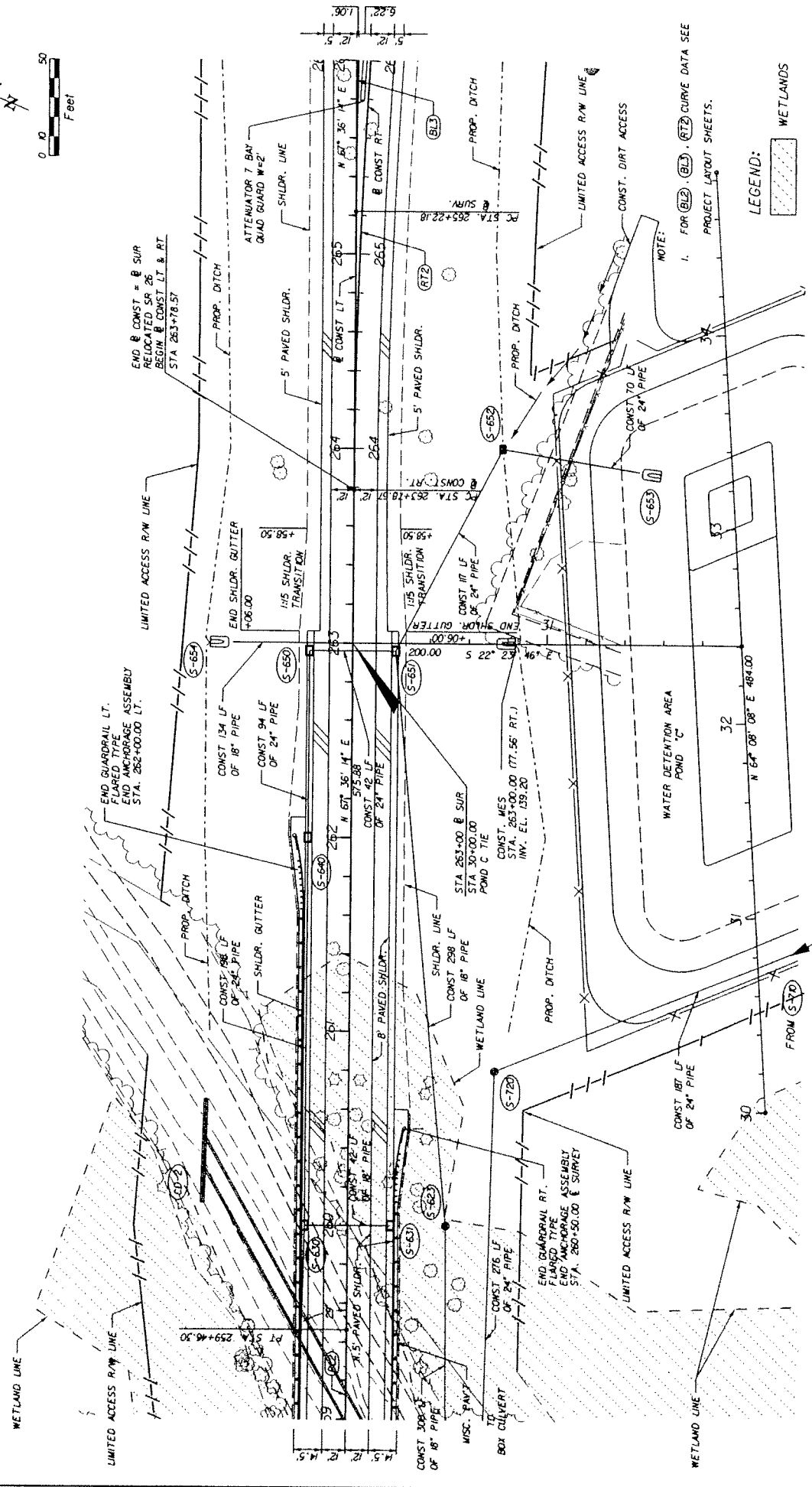
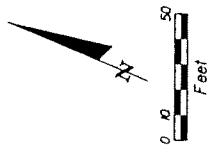
LEGEND:
WETLANDS



NOTES: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 69B-23.003, F.A.C.

| REVISIONS | | DATE | BY | DESCRIPTION |
|-----------|--|------|----|-------------|
| | | | | |
| | | | | |
| | | | | |
| | | | | |

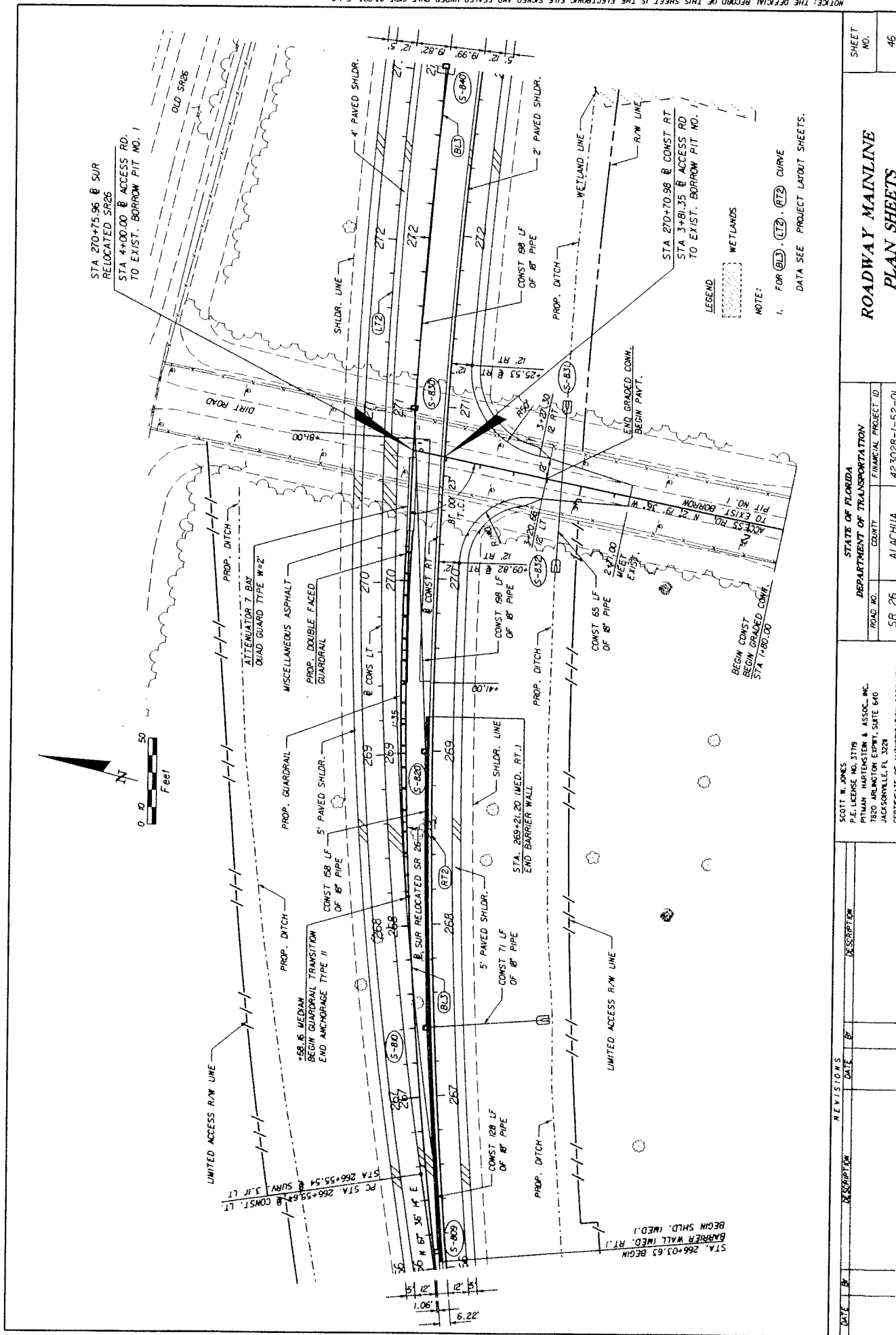
| | | | | |
|----------------------------------------------------------------------------------------------------------------------------------------|--|----------------------------------------------------------------------------------------------------------------|-----------------------------------|-----------------|
| SCOTT R. JONES P.L.L.C. NO. 3779 TRANSPORTATION ENGINEER & ASSOC. INC. 7820 ARNOLD DRIVE, SUITE 640 JACKSONVILLE, FL 32216 | | STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION ROAD NO. COUNTY FINANCIAL PROJECT ID CD 9C ALACHUA 6222 | ROADWAY MAINLINE DI 41' SHEETS | SHEET NO. 24 |
|----------------------------------------------------------------------------------------------------------------------------------------|--|----------------------------------------------------------------------------------------------------------------|-----------------------------------|-----------------|



LEGEND:
WETLANDS

NOTE:
1. FOR (BL2), (BL3), (RT2) CURVE DATA SEE PROJECT LAYOUT SHEETS.

| REVISORS | | | STATES OF FLORIDA | | | ROADWAY MAINLINE | | | SHEET | | |
|----------------------------------------------------------------------------------------------------------------------------------------------|----|-------------|------------------------------|----|-------------|------------------|---------|----------------------|-------|--|----|
| DATE | BY | DESCRIPTION | DATE | BY | DESCRIPTION | ROAD NO. | COUNTY | FINANCIAL PROJECT ID | NO. | | |
| | | | | | | SR 26 | ALACHUA | AD37000-1-LE9-01 | | | 45 |
| SCOTT B. JAMES P.E. LICENSE NO. 31779 PTI/MAN, HARTENSTEIN & ASSOC., INC. 7850 ARLINGTON EXPY., SUITE 640 JACKSONVILLE, FL 32218 | | | DEPARTMENT OF TRANSPORTATION | | | PLAN SHEETS | | | | | |



| REVISIONS | | DATE | DESCRIPTION |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|----------------------|----------------|
| DATE | BY | DATE | DESCRIPTION |
| SCOTT W. JONES P.E. LICENSE NO. 37179 PYMAN HARTENSTEIN & ASSOC., INC. 7820 ARLINGTON EXPY., SUITE 640 JACKSONVILLE, FL 32218 PROJECT NO. 42302R-1-50-01 | | | |
| STATES OF FLORIDA DEPARTMENT OF TRANSPORTATION | | ROAD NO. | SR 26 |
| | | COUNTY | ALACHUA |
| | | FINANCIAL PROJECT ID | 42302R-1-50-01 |
| ROADWAY MAINLINE PLAN SHEETS | | SHEET NO. | 46 |

ROADWAY MAINLINE

DIARY CLIENTS

STATE OF FLORIDA

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

| COUNTY | FINANCIAL PRODU |
|--------|-----------------|
|--------|-----------------|

SCOTT W. JONES
P.E. LICENSE NO. 37779
PITMAN HARTENSTEM & ASSOC., INC.
7820 ARLINGTON EXPWY, SUITE 640
JACKSONVILLE, FL 32216

SCOTT W. JONES

P.E. LICENSE NO. 37719

7820 ARLINGTON EXPWY., SUITE 640
JACKSONVILLE FL 32206

REVISIONS

NOV 18 1972

NO. 1, NEW YORK

1000

1997-1998

1

2

21

5

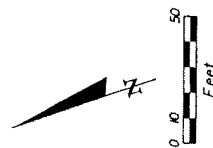


WETLANDS

• 3166

- FOR (B13), (L12), (R12), (L13), (R13), (L14), (R14), (ECON)
CURVE DATA SEE PROJECT LAYOUT SHEETS

FOR EAST CONNECTOR RD PLAN & PROFILE
SEE SHEET 66.



END @ CONST LT STA 287+62.58
END @ CONST RT STA 287+41.12

STA 287+51.99 @ CONST. = @ SURVEY =
STA 668+37.20 @ OLD SR 26

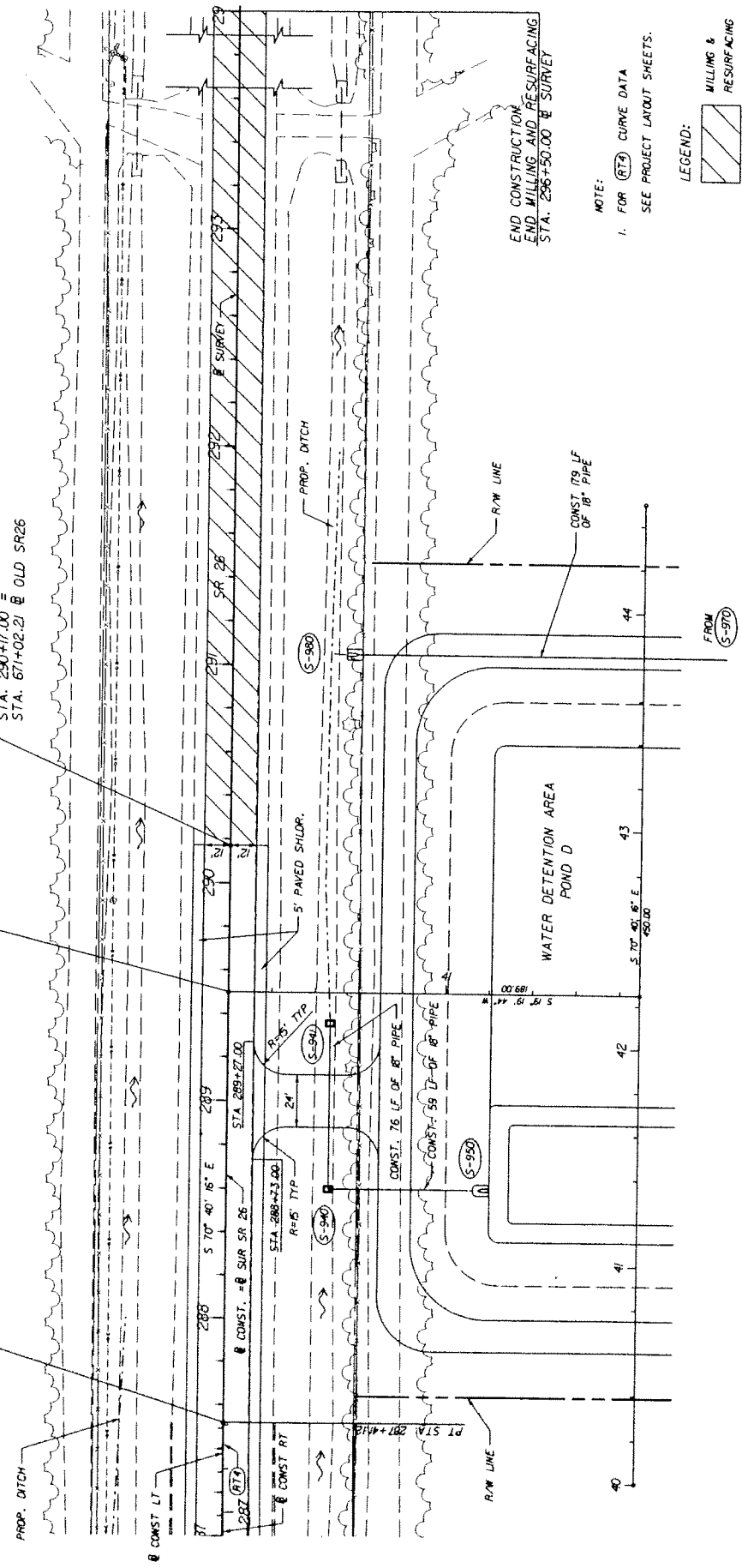
END PROJECT
END NEW CONSTRUCTION
MATCH EXISTING
BEGIN MILLING AND RESURFACING
END @ CONST. = @ SURVEY
RELOCATED SR26
STA. 290+17.00 =
STA. 671+02.21 @ OLD SR26

STA 289+50.00
@ SURVEY
STA. 40+00.00
POND D TIE

END CONSTRUCTION
END MILLING AND RESURFACING
STA. 296+50.00 @ SURVEY

NOTE:
1. FOR (RT) CURVE DATA
SEE PROJECT LAYOUT SHEETS.

LEGEND:
MILLING &
RESURFACING



| REVISIONS | | DESCRIPTION | | DATE | |
|---------------------------------------------------------------------------------------------------------------------------------|--------|----------------------|------|------|-------------|
| DATE | BY | DESCRIPTION | DATE | BY | DESCRIPTION |
| STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION | | | | | |
| ROAD NO. | COUNTY | FINANCIAL PROJECT ID | CD | DC | AT |
| SCOTT M. JONES P.E. LICENSE NO. 31719 PTARMINTON & ASSOC., INC. 7820 AIRMONT LANE, SUITE 640 JACKSONVILLE, FL 32216 | | | | | |
| ROADWAY MAINLINE DI 4 AT CHDPTC | | | | | |
| SHEET NO. 40 | | | | | |

ST. JOHNS RIVER WATER MANAGEMENT DISTRICT
Post Office Box 1429
Palatka, Florida 32178-1429

PERMIT NO. 4-001-99646-1

DATE ISSUED: December 11, 2007

PROJECT NAME: SR 26 and US Highway 301 Interchange

A PERMIT AUTHORIZING:

Construction of a surface water management system for a SR 26 land bridge over US Highway 301 (SR 200) and a CSX Railroad track, with associated side roads, and wet detention systems on 45.30-acres of land to be known as SR 26 and US Highway 301 Interchange.

LOCATION:

Section(s): 17, 18 Township(s): 9S Range(s): 22E

Alachua County

ISSUED TO:

Florida Department of Transportation District 2
Tracy Witt
1109 S Marion Ave
Lake City, FL 32025-5874

Permittee agrees to hold and save the St. Johns River Water Management District and its successors harmless from any and all damages, claims, or liabilities which may arise from permit issuance. Said application, including all plans and specifications attached thereto, is by reference made a part hereof.

This permit does not convey to permittee any property rights nor any rights of privileges other than those specified herein, nor relieve the permittee from complying with any law, regulation or requirement affecting the rights of other bodies or agencies. All structures and works installed by permittee hereunder shall remain the property of the permittee.

This permit may be revoked, modified or transferred at any time pursuant to the appropriate provisions of Chapter 373, Florida Statutes:

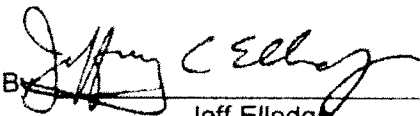
PERMIT IS CONDITIONED UPON:

See conditions on attached "Exhibit A", dated December 11, 2007

AUTHORIZED BY: St. Johns River Water Management District

Department of Water Resources

Governing Board

By: 
Jeff Elledge
(Director)

By: 
Kirby B. Green III
(Assistant Secretary)

U.S. Army Corps of Engineers
Permit # 2005-6154
Date: 2/1/08
Attachment: 2



"EXHIBIT A"
CONDITIONS FOR ISSUANCE OF PERMIT NUMBER 4-001-99646-1
FLORIDA DEPARTMENT OF TRANSPORTATION DISTRICT 2
DATED DECEMBER 11, 2007

1. All activities shall be implemented as set forth in the plans, specifications and performance criteria as approved by this permit. Any deviation from the permitted activity and the conditions for undertaking that activity shall constitute a violation of this permit.
2. This permit or a copy thereof, complete with all conditions, attachments, exhibits, and modifications, shall be kept at the work site of the permitted activity. The complete permit shall be available for review at the work site upon request by District staff. The permittee shall require the contractor to review the complete permit prior to commencement of the activity authorized by this permit.
3. Activities approved by this permit shall be conducted in a manner which do not cause violations of state water quality standards.
4. Prior to and during construction, the permittee shall implement and maintain all erosion and sediment control measures (best management practices) required to retain sediment on-site and to prevent violations of state water quality standards. All practices must be in accordance with the guidelines and specifications in chapter 6 of the Florida Land Development Manual: A Guide to Sound Land and Water Management (Florida Department of Environmental Regulation 1988), which are incorporated by reference, unless a project specific erosion and sediment control plan is approved as part of the permit, in which case the practices must be in accordance with the plan. If site specific conditions require additional measures during any phase of construction or operation to prevent erosion or control sediment, beyond those specified in the erosion and sediment control plan, the permittee shall implement additional best management practices as necessary, in accordance with the specifications in chapter 6 of the Florida Land Development Manual: A Guide to Sound Land and Water Management (Florida Department of Environmental Regulation 1988). The permittee shall correct any erosion or shoaling that causes adverse impacts to the water resources.
5. Stabilization measures shall be initiated for erosion and sediment control on disturbed areas as soon as practicable in portions of the site where construction activities have temporarily or permanently ceased, but in no case more than 7 days after the construction activity in that portion of the site has temporarily or permanently ceased.
6. At least 48 hours prior to commencement of activity authorized by this permit, the permittee shall submit to the District a Construction Commencement Notice Form No. 40C-4.900(3) indicating the actual start date and the expected completion date.
7. When the duration of construction will exceed one year, the permittee shall submit construction status reports to the District on an annual basis utilizing an Annual Status Report Form No. 40C-4.900(4). These forms shall be submitted during June of each year.
8. For those systems which will be operated or maintained by an entity which will require an easement or deed restriction in order to provide that entity with the authority necessary to operate or maintain the system, such easement or deed restriction, together with any other final operation or maintenance documents as are required by subsections 7.1.1 through 7.1.4 of the Applicant's Handbook: Management and Storage of Surface Waters, must be submitted to the District for approval. Documents meeting the requirements set forth in these subsections of the Applicant's Handbook will be approved. Deed restrictions, easements and other operation and maintenance documents which require recordation either with the Secretary of State or the Clerk of the Circuit Court must be so recorded prior

to lot or unit sales within the project served by the system, or upon completion of construction of the system, whichever occurs first. For those systems which are proposed to be maintained by county or municipal entities, final operation and maintenance documents must be received by the District when maintenance and operation of the system is accepted by the local governmental entity. Failure to submit the appropriate final documents referenced in this paragraph will result in the permittee remaining liable for carrying out maintenance and operation of the permitted system.

9. Each phase or independent portion of the permitted system must be completed in accordance with the permitted plans and permit conditions prior to the initiation of the permitted use of site infrastructure located within the area served by the portion or phase of the system. Each phase or independent portion of the system must be completed in accordance with the permitted plans and permit conditions prior to transfer of responsibility for operation and maintenance of that phase or portion of the system to local government or other responsible entity.
10. Within 30 days after completion of construction of the permitted system, or independent portion of the system, the permittee shall submit a written statement of completion and certification by a registered professional engineer or other appropriate individual as authorized by law, utilizing As Built Certification Form 40C-1.181(13) or 40C-1.181(14) supplied with this permit. When the completed system differs substantially from the permitted plans, any substantial deviations shall be noted and explained and two copies of as-built drawings submitted to the District. Submittal of the completed form shall serve to notify the District that the system is ready for inspection. The statement of completion and certification shall be based on on-site observation of construction (conducted by the registered professional engineer, or other appropriate individual as authorized by law, or under his or her direct supervision) or review of as-built drawings for the purpose of determining if the work was completed in compliance with approved plans and specifications. As-built drawings shall be the permitted drawings revised to reflect any changes made during construction. Both the original and any revised specifications must be clearly shown. The plans must be clearly labeled as "as-built" or "record" drawing. All surveyed dimensions and elevations shall be certified by a registered surveyor. The following information, at a minimum, shall be verified on the as-built drawings:
 1. Dimensions and elevations of all discharge structures including all weirs, slots, gates, pumps, pipes, and oil and grease skimmers;
 2. Locations, dimensions, and elevations of all filter, exfiltration, or underdrain systems including cleanouts, pipes, connections to control structures, and points of discharge to the receiving waters;
 3. Dimensions, elevations, contours, or cross-sections of all treatment storage areas sufficient to determine state-storage relationships of the storage area and the permanent pool depth and volume below the control elevation for normally wet systems, when appropriate;
 4. Dimensions, elevations, contours, final grades, or cross-sections of the system to determine flow directions and conveyance of runoff to the treatment system;
 5. Dimensions, elevations, contours, final grades, or cross-sections of all conveyance systems utilized to convey off-site runoff around the system;
 6. Existing water elevation(s) and the date determined; and Elevation and location of benchmark(s) for the survey.

11. The operation phase of this permit shall not become effective until the permittee has complied with the requirements of general condition 9 above, the District determines the system to be in compliance with the permitted plans, and the entity approved by the District in accordance with subsections 7.1.1 through 7.1.4 of the Applicant's Handbook: Management and Storage of Surface Waters, accepts responsibility for operation and maintenance of the system. The permit may not be transferred to such an approved operation and maintenance entity until the operation phase of the permit becomes effective. Following inspection and approval of the permitted system by the District, the permittee shall request transfer of the permit to the responsible approved operation and maintenance entity, if different from the permittee. Until the permit is transferred pursuant to section 7.1 of the Applicant's Handbook: Management and Storage of Surface Waters, the permittee shall be liable for compliance with the terms of the permit.
12. Should any other regulatory agency require changes to the permitted system, the permittee shall provide written notification to the District of the changes prior implementation so that a determination can be made whether a permit modification is required.
13. This permit does not eliminate the necessity to obtain any required federal, state, local and special district authorizations prior to the start of any activity approved by this permit. This permit does not convey to the permittee or create in the permittee any property right, or any interest in real property, nor does it authorize any entrance upon or activities on property which is not owned or controlled by the permittee, or convey any rights or privileges other than those specified in the permit and chapter 40C-4 or chapter 40C-40, F.A.C.
14. The permittee shall hold and save the District harmless from any and all damages, claims, or liabilities which may arise by reason of the activities authorized by the permit or any use of the permitted system.
15. Any delineation of the extent of a wetland or other surface water submitted as part of the permit application, including plans or other supporting documentation, shall not be considered specifically approved unless a specific condition of this permit or a formal determination under rule 40C-1.1006, F.A.C., provides otherwise.
16. The permittee shall notify the District in writing within 30 days of any sale, conveyance, or other transfer of ownership or control of the permitted system or the real property at which the permitted system is located. All transfers of ownership or transfers of a permit are subject to the requirements of rule 40C-1.612, F.A.C. The permittee transferring the permit shall remain liable for any corrective actions that may be required as a result of any permit violations prior to such sale, conveyance or other transfer.
17. Upon reasonable notice to the permittee, District authorized staff with proper identification shall have permission to enter, inspect, sample and test the system to insure conformity with the plans and specifications approved by the permit.
18. If historical or archaeological artifacts are discovered at any time on the project site, the permittee shall immediately notify the District.
19. The permittee shall immediately notify the District in writing of any previously submitted information that is later discovered to be inaccurate.
20. This permit for construction will expire five years from the date of issuance.
21. All wetland areas or water bodies that are outside the specific limits of construction authorized by this permit must be protected from erosion, siltation, scouring or excess turbidity, and dewatering.

22. Prior to construction, the permittee must clearly designate the limits of construction on-site. The permittee must advise the contractor that any work outside the limits of construction, including clearing, may be a violation of this permit.
23. The stormwater management system shall be inspected by the operation and maintenance entity once within two years after the completion of construction and every two years thereafter to insure that the system is functioning as designed and permitted. If a required inspection reveals that the system is not functioning as designed and permitted, then within 14 days of that inspection the entity shall submit an Exceptions Report on form number 40C-42.900(6), Exceptions Report for Stormwater Management Systems Out of Compliance. The operation and maintenance entity must maintain a record of each required inspection, including the date of the inspection, the name, address, and telephone number of the inspector, and whether the system was functioning as designed and permitted, and make such record available for inspection upon request by the District during normal business hours.
24. The project must be constructed in accordance with the plans received on November 2, 2007 as amended by plan sheets 4, 8, 31, 40, 54,65,67,146, 203,217, 222,227,230, 234, 239 and 250 received on November 8, 2007.
25. . Mitigation for the direct and secondary impacts to wetlands and other surface waters authorized by this permit will be provided through Section 373.4137,F.S. No construction shall occur prior to the approval of the mitigation plan by the District's Governing Board or its designee
26. Prior to initiation of construction, the permittee shall submit a detailed erosion and sediment control and dewatering plan to the District for written approval. The plan shall detail all erosion and sediment control measures to be implemented both during and after construction. At a minimum the plan shall include:
- Identification of any areas where any dewatering will be performed during construction;
 - Details of specific erosion and sediment control measures to be implemented to control the discharge of turbid water due to any dewatering activities; and
 - Construction sequencing and details of all erosion and sediment control measures to be implemented during each sequence.

Construction shall not commence until the permittee receives written approval of the plan from the District.

AS-BUILT CERTIFICATION BY PROFESSIONAL ENGINEER

Submit this form and one set of as-built engineered drawings to the U.S. Army Corps of Engineers, Enforcement Branch, Post Office Box 4970, Jacksonville, Florida 32232-0019. If you have questions regarding this requirement, please contact the Enforcement Branch at 904-232-2907.

1. Department of the Army Permit Number: _____

2. Permittee Information:

Name _____

Address _____

3. Project Site Identification:

Physical location/address _____

4. As-Built Certification:

I hereby certify that the authorized work has been accomplished in accordance with the Department of the Army permit with any deviations noted below. This determination is based upon on-site observation, scheduled and conducted by me or by a project representative under my direct supervision. I have enclosed one set of as-built engineering drawings.

Signature of Engineer

Name (Please type)

Florida Reg. Number

Company Name

Address

City

State

ZIP

(Affix Seal)

Date

Telephone Number

Deviations from the approved plans and specifications: (attach additional pages if necessary)

U.S. Army Corps of Engineers

Permit # 2005-6154

Date: 2/1/08

Attachment: 3



FEB 08 2008

MEMORANDUM FOR RECORD

SUBJECT: Department of the Army Environmental Assessment and
Statement of Findings for the Above-numbered Permit Application

1. Applicant: Florida Department of Transportation
District 2
Attn: Mr. Van Humphreys
1109 South Marion Avenue, Mail Station 2005
Lake City, Florida 32025-5874
2. Location, Project Description, Existing Conditions: The proposed project would impact waters of the United States (including wetlands) associated with McGirts Creek. The project site is approximately 6.5 miles of Interstate 10 (I-10) from 3,200 feet east of Halsema Road to Lane Avenue, in northwest Jacksonville. The project area, including proposed stormwater management facilities, comprises approximately 278 acres of existing I-10 roadway and associated ditches, undeveloped right-of-way (ROW), and residential and undeveloped land for proposed ponds. A portion of Chaffee Road near the I-10 interchange will also be improved as part of this project. The Chaffee Road improvements would begin roughly a half mile south of I-10 and a quarter mile north of I-10. The project is generally located between Cecil Commerce Center, which was formerly a portion of the Naval Air Station (NAS) Cecil Field, and downtown Jacksonville in Sections 19, 20, 21, 22, 23, 24, 24 and 30, Township 2 South, Range 24 and 25 East, in Jacksonville, Duval County, Florida.

The applicant proposes impacts to 28.81 acres of wetlands and ditches to widen I-10 from four lanes to eight lanes including stormwater infrastructure and improvements to Chaffee Road. The proposal includes permanent impacts of approximately 8.36 acres of wetlands associated with the stormwater management system necessary to provide drainage from the roadway widening. Included in this total are permanent hydrologic impacts to one small (0.27-acre) low to medium quality wetland located east of Pond 6B and a portion (0.3-acre) of the wetlands west of Pond 7 due to drawdown because the normal pool elevations in the pond is proposed to be lower than the seasonal high water table in the adjacent wetlands. A total of approximately 3.45 acres of wetland cut ditches and approximately 17.00 acres of upland cut ditches would be temporarily impacted for re-grading to improve hydraulic capacity.

CESAJ-RD-P (2006-7591(IP-AWP))

SUBJECT: Department of the Army Environmental Assessment and Statement of Findings on the Above-Numbered Permit Application.

Changes to the project since submittal include several minor roadway widening impacts unintentionally left out of the original impact map submitted on 20 November 2006. Additional impacts include dredging the channel and establishing banks of stabilization at McGrits Creek. Riprap will be used to stabilize the sides of the channel and the bottom will be re-graded to facilitate proper drainage. Riprap already exists at this location. Permanent impacts to jurisdictional wetland total 12.45 acres. Impacts to wetland cut ditches total 3.68; however all impacts to wetland cut ditches will be temporary in nature as the ditches are being reshaped. Upland cut ditch impacts total 19.70 acres, and will be considered temporary in nature as well. These ditches will also be reshaped.

Vegetation communities were classified using the Florida Land Use, Cover and Forms Classification System (FLUCFCS) (FDOT, 2000). The eight communities associated with the proposed project area are characterized as Residential, Medium Density, Less than Two to Five Dwelling Units per acre (FLUCFCS Code 120), Herbaceous (Dry Prairie) (FLUCFCS Code 310), Hardwood-Coniferous Mixed (FLUCFCS Code 434), Upland Cut Jurisdictional Ditch (FLUCFCS Code 511), Wetland Cut Jurisdictional Ditch (FLUCFCS Code 511W), Mixed Wetland Hardwoods (FLUCFCS Code 617), Vegetated Non-forested Wetlands (FLUCFCS Code 640), and Roads and Highways (FLUCFCS Code 814). The only three land use types that occur within the area of roadway widening are Roads and Highways (814), and associated Upland Cut Jurisdictional Ditches (511) and Wetland Cut Jurisdictional Ditches (511W).

3. Project Purpose:

Basic: To widen an existing federal interstate.

Overall: To widen I-10 from four lanes to eight lanes including the necessary stormwater infrastructure and improvements to Chaffee Road.

4. Scope of Analysis: The scope of analysis was limited to the project site and included endangered species, essential fisheries habitat concerns, and cultural resources.

5. Statutory Authority: Section 404 of the Clean Water Act (33 U.S.C. 1344).

CESAJ-RD-P (2006-7591(IP-AWP))
SUBJECT: Department of the Army Environmental Assessment and
Statement of Findings on the Above-Numbered Permit Application.

6. Other Federal, State, and Local Authorizations Obtained or
Required and Pending:

a. State Permit/Certification: The St. Johns River Water
Management District (SJRWMD) permit number 11 September 2007.

b. Coastal Zone Management (CZM) consistency/permit: There
is no evidence or indication from the State of Florida that the
project is inconsistent with the Florida Coastal Zone Management
Plan. Issuance of a DEP permit certifies that the project is
consistent with the CZM plan.

c. Other Authorizations: No information has been received
regarding any other authorizations that may be required.

7. Date of Public Notice and Summary of Comments

a. The application was received on 22 November 2006. The
application was considered complete on 29 November 2006. A
public notice was issued on 4 December 2006, and sent to all
interested parties including appropriate State and Federal
agencies. All comments received on this application have been
reviewed and are summarized below:

(1) Environmental Protection Agency (EPA): Did not
respond to the public notice.

(2) U.S. Fish and Wildlife Service (FWS): Did not
respond to the public notice. See paragraph 10(f) for discussion
on impacts to federally listed species.

(3) National Marine Fisheries Service (NMFS): By letter
dated 12 December 2006, the NMFS had no comments regarding the
authorization of a Department of the Army permit.

(4) State Historic Preservation Officer (SHPO): By
letter dated 26 December 2006, SHPO indicated that because of the
nature and location of the proposed work that the undertaking is
not likely to affect significant historic properties, either
listed, or eligible for listing, in the National Register of
Historic Places.

(5) Three comments organizations and individuals.

CESAJ-RD-P (2006-7591(IP-AWP))
SUBJECT: Department of the Army Environmental Assessment and
Statement of Findings on the Above-Numbered Permit Application.

Mr. Jerry Dearing, Comptroller for Southern Wine and Spirits
requested information on how the project might affect their
property located at 6867 Stuart Lane South.

Ms. June Daniels inquired about the need of a piece of property,
568 Hammond Blvd, by the project.

Mr. Gary Hudson, pastor for Hope for Life Baptist Church
requested information about potential impacts to the church.

b. Applicant's response to the comments: The applicant
coordinated directly with the individuals listed above. Their
comments of concern have been addressed.

8. Alternatives:

a. Avoidance (No action, uplands, availability of other
sites): In the evaluation of any roadway expansion project, four
aspects should be assessed for avoidance. These aspects include
the "no action" alternative, the no build alternative, expanding
the existing roadway, constructing a new roadway. I-10 has been
in its present location since 1958. The adjacent area has been
extensively developed in response to the presence of this highway
and its proximity to downtown Jacksonville. In developing this
project, adverse impacts to the environment were very important
in the FDOT evaluations. This included not only wetlands but
also other issues such as residential and business disruption,
utilities, cultural resources, water quality and contamination
issues.

The "no action" is not feasible as it would hinder
intrastate/interstate commerce, disrupt business commuter travel,
not provide alleviation to traffic congestion, hinder hurricane
evacuation, and maintain bottleneck conditions on one of the
busiest roadways in the northeast.

The "no build" alternative is not feasible as it would cause the
same disruptions as the "no action" alternative.

The alternative evaluating the construction of a new highway
would not be economically practicable due to the development of
the surrounding area and cost of emanate domain.

The alternative evaluating widening of the existing roadway was
the only alternative determined to be feasible. This feasibility

CESAJ-RD-P (2006-7591(IP-AWP))
SUBJECT: Department of the Army Environmental Assessment and
Statement of Findings on the Above-Numbered Permit Application.

is based on several factors including: projected usage, cost, and impacts to protected resources. Projected usage and average daily traffic counts indicate the following daily usage statistics 2004 = 46,900-101,450; 2009 = 59,000-109,000; 2029 = 122,000-170,000. In addition to traffic counts the applicant completed a Pond Siting Report to determine the most feasible locations to site stormwater management facilities to permit widening of I-10 at this location. This report concluded with the recommendation to construct 6 ponds within the 8 drainage basins identified within the project limits. Pond 1A is proposed within an existing rest area and does not impact wetlands. Pond 2D is located within FDOT loop ramp at the Chaffee Road interchange, no impacts are proposed. Pond 5A will incur 2.3 acres of wetland impact. This pond location was chosen over two other alternatives due to possible contamination of the sites. Pond 6B does not impact wetlands. Pond 7C will impact 5.56 acres of wetland impact. It was selected over alternative pond sites because of its location and dual use capabilities. Specifically, within the Cedar River basin stormwater runoff leaves the basin in two locations, northwest quadrant of the I-10/I-295 interchange and southwest quadrant of the I-10/Lane Avenue interchange. The applicant evaluated three pond site locations within this basin. Pond site 7C was selected because it is located in an area where drainage basins 7 and 8 outfall to the same system. Constructing at this located could accommodate the drainage from both basins and pond 7C provides the necessary stormwater attenuation where all downstream property owners will see no increase in flood stages due to the widening of I-10. Additionally, this pond will provide treatment of runoff for the subdivision to the west which does not currently have any stormwater treatment.

The applicant was not asked to evaluate alternatives beyond those completed in the Final Pond Siting Report. The use of compensating storage within Basin 7 would still require the installation of a stormwater attenuation pond to protect downstream properties from potential increased water levels due to increased impervious surface.

b. Minimization (modified project designs, etc.): The project has been minimized to the maximum extent possible that would allow the applicant to achieve the project purpose. The roadway will be widened from four to six lanes outside of the existing travel lanes within the existing right of way. The roadway is projected to be widened again from six lanes to eight

CESAJ-RD-P (2006-7591(IP-AWP))
 SUBJECT: Department of the Army Environmental Assessment and
 Statement of Findings on the Above-Numbered Permit Application.

lanes by widening to the inside of the existing travel lanes. The existing roadway corridor is almost entirely boarded by development. This development significantly reduces the ability for the applicant to avoid impacts to wetlands and existing structures. The applicant has completed a Pond Siting Report and determined the six pond locations proposed are the least damaging alternatives. Additional minimization was not requested beyond than what has already been completed based on the developed nature of the corridor, the applicants pond siting analysis, and the compensatory mitigation provided by the applicant.

c. Compensatory Mitigation: The applicant has completed a Wetland Rapid Assessment Procedure and determined 8.44 functional units of loss would occur as a result of the project.

The applicant has proposed compensatory mitigation to offset all unavoidable impacts to Corps jurisdictional wetlands. Wetland impacts will be mitigated pursuant to the Senate Bill 1986 Rule - Section 373.4137 Florida Statutes (F.S.). The compensatory mitigation plan # 2132724 is defined in the 2008 SJRWMD FDOT MITIGATION PLAN, Mitigation Project Groups SJ23 and SJ 50 (Wetland enhancement, creations, etc.): SJ 23 and SJ 50 update as of November 2007

This is a summary of the current status of mitigation implemented by SJRWMD for FDOT Mitigation Groups SJ 23 and SJ 50. These groups are currently comprised of the following FDOT road projects located in SJRWMD Regulatory Basin 4 (Northern St. Johns River and Northern Coastal):

| FM# | project | impact ac. | permit |
|---------|-----------------------------------|------------|--------------------|
| 2094841 | SR 228 SCLRP Bridge 720045 | 2.47 | 199902345(NW-ME) |
| 2082251 | SR 23 Branan Field Chaffee Rd. | 5.60 | 199902775(IP-BL) |
| 2092501 | SR 23 Branan Field Chaffee Rd. | 69.45 | 199902888(IP-BL) |
| 2132582 | SR 23 (BFC) - I-10 Interchange | 45.00 | 200501574 (IP-FCS) |
| 2096595 | SR 23 from SR 134 to I-10 | 32.33 | 200501514 (IP-FCS) |
| 2115602 | SR 109 Black Creek Bridge | 2.39 | 200605223 (IP-AWP) |
| 2115315 | I-95 Blanding Blvd. Ramps | 6.17 | 200605623 (IP-JMB) |
| 2133234 | I-95 I-395 North Interchange | 0.75 | 200510547 |
| 2082077 | US 17 Doctor's Inlet Bridge | 0.62 | 200405533 (IP-FCS) |
| 2082113 | SR 21 Old Jennings to Knight Boxx | 3.34 | |
| 2132724 | I-10 from SR 23 to I-295 | 17.45 | 200607391 (IP-AWP) |

The mitigation plans for these road projects were approved by the SJRWMD Governing Board in 1997, 2000, 2005, 2006 and 2007.

The approved mitigation plan for SJ 23 is preservation and enhancement of regionally significant uplands and wetlands that would be managed as additions to Jennings State Forest or

CESAJ-RD-P (2006-7591(IP-AWP))
 SUBJECT: Department of the Army Environmental Assessment and
 Statement of Findings on the Above-Numbered Permit Application.

preservation of lands which could serve as wildlife corridors between the State Forest and other conservation lands at Cecil Field, the Northeast Florida Timberlands Florida Forever project and or the Etoniah Cross-Florida Greenway Florida Forever project. These projects and other conservation lands will comprise a significant area of protected and enhanced habitat which can serve as part of a wildlife corridor between the Ocala and Osceola National Forests.

The approved mitigation plan for mitigation group SJ 50 was the purchase of credits from Loblolly Mitigation Bank, with the caveat that if SJRWMD was not able to obtain a cost-effective price for credits, the impacts from the SJ50 Group would be offset by increasing the mitigation for SJ23. As SJRWMD was not able to obtain a cost-effective price for credits, SJ50 has been merged into SJ23.

The following four new projects are proposed to be added to SJ 23 as part of the 2008 Mitigation Plan which will be considered by the SJRWMD Governing Board by March 30, 2008.

| FM# | Project | Impact |
|---------|-------------------------------------------|-------------|
| 2081662 | SR23/BFC overpass Plantation Oaks Blvd. | 1.12 acres |
| 2092503 | SR23/BFC Clay CL to Argyle Forest Blvd. | 1.19 acres |
| 2121091 | Highway Ave. Cedar Ck. Bridge replacement | 0.58 acres |
| 2133451 | I-295 & Collins Rd. Blanding Blvd. | 32.00 acres |

The total wetland impact acreage including both previously approved and anticipated 2008 projects is 266.02 acres. (Acreages shown are the greater of either the federal or state impacts.)

To date SJRWMD has completed nine acquisitions which will be managed to provide wetland enhancement as mitigation for the road projects, including advance mitigation for the fy 2008 projects. The total acreage of the parcels and the acreage funded by FDOT is as follows:

| | Total acreage | FDOT acreage |
|-------------------------------------------|----------------|----------------|
| LA 2000R-07 Jackson | 73.25 | 73.25 |
| LA 2000R-29 Timber Forest | 80.58 | 40.29 |
| LA 2000R-30 Yellow Water | 78.71 | 139.35 |
| LA 2000R-31 Cochise Pines | 324.77 | 162.38 |
| LA 2000R-32 Black Timber | 402.34 | 201.17 |
| LA 2000R-33 Longleaf Timber | 372.73 | 186.36 |
| LA 2001R-41 Longbranch Farms | 1839.61 | 919.81 |
| LA 2005R-07 Bull Creek North | 3520.69 | 1961.54 |
| LA 2005-027, 028, 030 Longbranch Crossing | <u>2683.00</u> | <u>1121.76</u> |

CESAJ-RD-P (2006-7591(IP-AWP))
SUBJECT: Department of the Army Environmental Assessment and
Statement of Findings on the Above-Numbered Permit Application.

| | | |
|-----------------|---------|---------|
| | 9502.43 | 4805.91 |
| Wetland acreage | 1455.93 | |
| Upland acreage | 3349.98 | |

The purpose of the Florida Forever Projects, which these acquisitions are helping to fulfill, is establishment of a conservation landscape connecting several high quality public lands. Expansions of, and connections between, these conservation areas increases the long term viability of fish and wildlife by reducing potential for genetic isolation, increasing available area for species with large home ranges and providing corridors for mobile species to relocate in the event of changes to their habitat.

The parcels secured include over thirteen miles of creek and stream channel including portions of Sal Taylor Branch, Yellow Water Creek, Long Branch Creek, Bull Creek, Ates Creek, Little Black Creek and Black Creek. Most of the parcels have considerable topographic relief resulting in a variety of natural communities some of which are relatively rare and ranked as G3/S2 by the Florida Natural Areas Inventory. These include sandhill, scrub, seepage slope, seepage stream and slope forest. These and other communities potentially provide habitat for state and federally listed species such as the Florida Black Bear, Gopher Tortoise, Indigo Snake, Gopher Frog, Black Creek Crayfish, Hartwrightia, Bartram's Ixia, and others. The area of Camp Blanding adjacent to Bull Creek currently has the second largest Red Cockaded Woodpecker colony in Florida, some of which may eventually expand to the Bull Creek parcel, once suitable habitat is restored.

One of the other notable features is that many of the parcels have small tributary streams that originate within the parcel. The surrounding upland areas, which have no regulatory protection, are extremely important to their hydrology, water quality and resulting habitat value. This is particularly true for the streams which have deeply incised channels and minimal adjacent floodplain. Preservation of the entire contributing watershed to these streams will ensure that their current functions will be maintained in perpetuity.

All of the parcels except Longbranch Crossing will be managed by the Florida Division of Forestry as additions to Jennings State Forest. Longbranch Crossing is a conservation easement with

CESAJ-RD-P (2006-7591(IP-AWP))
SUBJECT: Department of the Army Environmental Assessment and
Statement of Findings on the Above-Numbered Permit Application.

restrictions that establish an upland buffer along the creek systems. Although only the FDOT funded acreage will be included in calculations for permitting purposes, the property interest in the parcels is not divided and the parcels will be managed as a unit.

Portions of some of the parcels have been significantly altered by silvicultural activities including bedding, planting of pines at an inappropriate density, clearing, drainage and fire exclusion. The long term management plan for the mitigation sites will include the following elements; ditches which are affecting the wetland hydrology will be filled or plugged and unnecessary roads will be closed and abandoned in a manner which will correct their hydrologic impact on wetlands. In areas where pines have been planted in wetlands and wetlands buffers the pines will be removed or thinned to a more natural density. Wetland timber will not be harvested, except for the initial thinning or removal of planted pine to restore the historic plant community. An upland buffer at least 100 ft. from the wetland boundary or 550 ft. from a stream edge, whichever is greater, will be managed in the same manner as the wetlands. This will eventually result in a mature riparian corridor. A fire management program will be implemented to help restore the native ground cover and reduce shrub density. Invasive non-native species will be controlled.

SJRWMD has submitted a UMAM worksheet for the mitigation sites. For calculation purposes 50% of the FDOT funded upland acreage is used as the polygon area. The UMAM provided indicates 15.34 functional units of lift would be generated by preservation, enhancement, and management of 1257 acres of wetlands and 251 functional units of lift would be generated from preservation, enhancement, and management of 1674.99 acres of uplands.

The mitigation offered by the applicant is sufficient to offset impacts on the values and functions of the wetland resource.

9. Evaluation of the 404(b)(1) Guidelines: The proposed project has been reviewed in accordance with the 404 (b)(1) Guidelines. The review shows that all the alternatives have been reviewed and it has been adequately demonstrated that the proposed alternative is the least environmentally damaging and only practicable alternative considering cost, existing technology and logistics. It would not cause or contribute to violations of State Water quality standards, jeopardize the existence of any endangered

CESAJ-RD-P (2006-7591(IP-AWP))
SUBJECT: Department of the Army Environmental Assessment and
Statement of Findings on the Above-Numbered Permit Application.

species or impact a marine sanctuary. No significant degradation would be expected and all appropriate and practicable steps have been taken to minimize impacts.

10. Public Interest Review:

a. Corps analysis of comments and responses: All comments received in response to the public notice have been considered in the following public interest review.

b. All public interest factors have been reviewed, including but not limited to the effects the work might have on conservation, economics, esthetics, general environmental concerns, wetlands, historic properties, fish and wildlife values, land use, navigation, shore erosion and accretion, recreation, water quality, safety, and consideration of property ownership. It has been determined that the proposed work will not adversely impact any of the public interest factors.

c. Describe the relative extent of the public and private need for the proposed structure or work: Public benefits include employment opportunities and a potential increase in the local tax base. Private benefits include land use and economic return on the property.

d. Describe the practicability of using reasonable alternative locations and methods to accomplish the objective of the purposed work where there are unresolved conflicts as to resource use: There are no unresolved conflicts regarding resource use.

e. Describe the extent and permanence of the beneficial and/or detrimental effects which the proposed work is likely to have on the public and private uses to which the area is suited: Detrimental impacts are expected to be minimal although they would be permanent in the construction area. The beneficial effects associated with utilization of the property would be permanent. (For road projects) The beneficial effects for public transportation may include an increase in public safety, increased carrying capacity of the roadway and the more effective movement of vehicular traffic. The increased carrying capacity may also facilitate intrastate/interstate commerce.

CESAJ-RD-P (2006-7591(IP-AWP))
SUBJECT: Department of the Army Environmental Assessment and
Statement of Findings on the Above-Numbered Permit Application.

f. Threatened or Endangered Species: The proposed project will not jeopardize the continued existence or critical habitat of any threatened or endangered species.

g. Essential Fisheries Habitat (EFH): The public notice included an initial determination that the project would not have an adverse impact on EFH or Federally managed fisheries. The NMFS did not provide any EFH conservation recommendations in response to the public notice. Therefore, the Corps is satisfied that the consultation procedures outlined in 50 CFR Section 600.920 of the regulation to implement the EFH provisions of the Magnuson-Stevens Act have been met.

h. Corps Wetland Policy: The proposed wetland alteration is necessary to realize the project purpose and should result in minimal adverse environmental impacts. The benefits of the project would outweigh the minimal detrimental impacts. The project would result in a no-net loss of wetland functions and values. Therefore the project is in accordance with the Corps wetland policy.

i. Cumulative and Secondary Impacts: The Corps acknowledges that the project might produce minor secondary impacts, such as increased noise and/or light pollution or minor increases in the level of surface pollutants. However, in consideration of the overall limited amount of new roadway and the use of stormwater management systems, the Corps does not believe that any secondary impacts associated with the project would be significant. Further, the Corps has evaluated secondary impacts to wetlands and required compensatory mitigation to fully offset these impacts. The applicant will utilize Best Management Practices to further reduce any potential secondary impacts.

j. Corps Comments and Responses: Full consideration was given to all comments received during the public notice. The applicant has contacted the individuals requesting information and satisfied their requests.

11. Determinations:

a. Finding of No Significant Impact (FONSI). Having reviewed the information provided by the applicant and all interested parties and an assessment of the environmental impacts, I find that this permit action will not have a significant impact on the quality of the human environment.

CESAJ-RD-P (2006-7591(IP-AWP))

SUBJECT: Department of the Army Environmental Assessment and Statement of Findings on the Above-Numbered Permit Application.

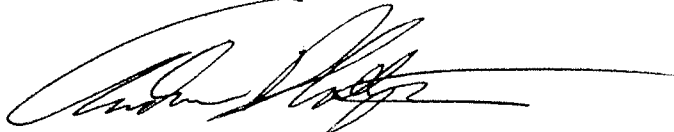
Therefore, an Environmental Impact Statement will not be required.

b. Compliance with 404(b)(1) guidelines. Having completed the evaluation in paragraph 7 above, I have determined that the proposed discharge complies with the 404(b)(1) guidelines.

c. Public interest determination: I find that issuance of a Department of the Army permit is not contrary to the public interest.

d. Section 176(c) of the Clean Air Act General Conformity Rule Review: The proposed permit action has been analyzed for conformity applicability pursuant to regulations implementing Section 176(c) of the Clean Air Act. It has been determined that the activities proposed under this permit will not exceed *de minimis* levels of direct emissions of a criteria pollutant or its precursors and are exempted by 40 CFR Part 93.153. Any later indirect emissions are generally not within the Corps' continuing program responsibility and generally cannot be practicably controlled by the Corps. For these reasons a conformity determination is not required for this permit action.

PREPARED BY:



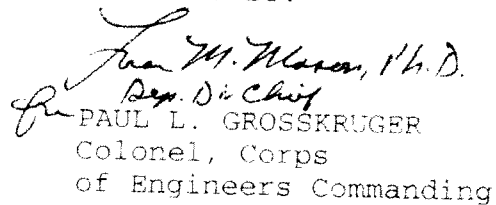
ANDREW W. PHILLIPS
Project Manager

REVIEWED BY:



LOREN M. MASON
Chief, Special Projects and Enforcement Branch

APPROVED BY:



John M. Mason, Ph.D.
Dep. Dir. Chief
PAUL L. GROSSKRUGER
Colonel, Corps
of Engineers Commanding

CF:

CESAJ-RD-PE